



Engineering progress
Enhancing lives

Industrial pipe systems

RAUPEX und RAUFRIGO

Catalog, Germany, valid from 01.01.2025



REHAU

Building
Solutions

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01 RAUPEX SDR 11

Tubes and compression sleeve connection technology
- 40° - + 95° C

01.01 RAUPEX SDR 11

RAUPEX-A pipe, SDR 11, grey

Application:

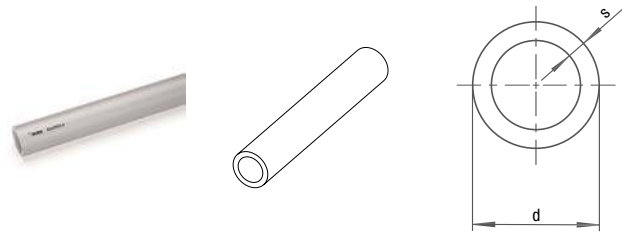
for use as industrial pipe for compressed air and other medium

Material:

crosslinked polyethylene (RAU-PE-Xa) according DIN 16892/93, with a coat made of RAU-PE similar to RAL 7001 silver grey following DIN 2403

Colour:

silver grey (RAL 7001)



Mat.-no.	Description	d mm	s mm	V*1 l/m	Weight	PG m
11319201005	20 x 1.9, grey, bar 5 m	20	1.9	0.206	117 g/m	50
11319201100	20 x 1.9, grey, coil 100 m	20	1.9	0.206	117 g/m	100
11319301005	25 x 2.3, grey, bar 5 m	25	2.3	0.327	176.54 g/m	25
11319301100	25 x 2.3, grey, coil 100 m	25	2.3	0.327	176.5 g/m	100
11319401005	32 x 2.9, grey, bar 5 m	32	2.9	0.539	277.9 g/m	25
11319401050	32 x 2.9, grey, coil 50 m	32	2.9	0.539	277.9 g/m	50
11319401100	32 x 2.9, grey, coil 100 m	32	2.9	0.539	277.9 g/m	100
11319501005	40 x 3.7, grey, bar 5 m	40	3.7	0.835	424.76 g/m	10
11319601005	50 x 4.6, grey, bar 5 m	50	4.6	1.307	652.1 g/m	5
11319701005	63 x 5.8, grey, bar 5 m	63	5.8	2.075	1.031 kg/m	5
11319701100	63 x 5.8, grey, coil 100 m	63	5.8	2.075	1.032 kg/m	100
11363121005	75 x 6.8, grey, bar 5 m	75	6.8	2.961	1.468 kg/m	5
11363221005	90 x 8.2, grey, bar 5 m	90	8.2	4.254	2.11 kg/m	5
11363321005	110 x 10, grey, bar 5 m	110	10	6.362	3.112 kg/m	5
11045411005	125 x 11.4, grey, bar 5 m	125	11.4	8.203	4.109 kg/m	5
11364921005	160 x 14.6, grey, bar 5 m	160	14.6	13.437	6.638 kg/m	5

*1 Volume V

RAUPEX-K pipe, SDR 11, green**Application:**

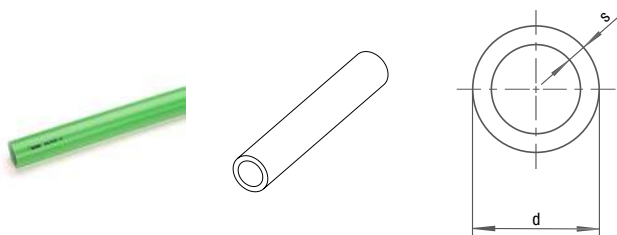
For use as industrial pipe for cooling water and other medium

Material:

crosslinked polyethylene (RAU-PE-Xa) according DIN 16892/93, UV stabilized, with a coat made of RAU-PE in color RAL 6018 in conformity with DIN 2403

Colour:

yellow green (RAL 6018)



Mat.-no.	Description	d mm	s mm	V* ¹ l/m	Weight	PG m
11350541005	20 x 1.9, green, bar 5 m	20	1.9	0.206	117 g/m	50
11350641005	25 x 2.3, green, bar 5 m	25	2.3	0.327	176.5 g/m	25
11350641100* ²	25 x 2,3, green, coil 100 m	25	2.3	0.327	176.5 g/m	100
11350741005	32 x 2.9, green, bar 5 m	32	2.9	0.539	277.9 g/m	25
11350741050	32 x 2.9, green, coil 50 m	32	2.9	0.539	277.9 g/m	50
11350841005	40 x 3.7, green, bar 5 m	40	3.7	0.835	424.7 g/m	10
11350941005	50 x 4.6, green, bar 5 m	50	4.6	1.307	658 g/m	5
11351041005	63 x 5.8, green, bar 5 m	63	5.8	2.075	1.031 kg/m	5
11351141005	75 x 6.8, green, bar 5 m	75	6.8	2.961	1.468 kg/m	5
11351241005	90 x 8.2, green, bar 5 m	90	8.2	4.254	2.11 kg/m	5
11351341005	110 x 10, green, bar 5 m	110	10	6.362	3.112 kg/m	5
11045511005	125 x 11.4, green, bar 5 m	125	11.4	8.203	4.153 kg/m	5
11351441005	160 x 14.6, green, bar 5 m	160	14.6	13.437	6.638 kg/m	5

*¹ Volume V

*² Minimum order quantity and delivery time on request

RAUPEX-O pipe, SDR 11, blue

Application:

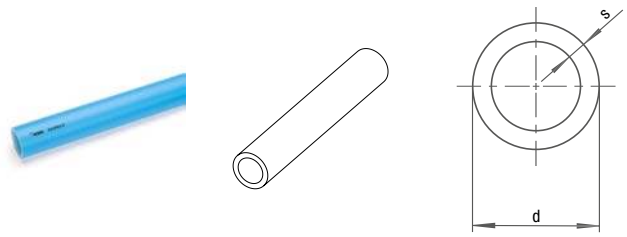
for use as industrial pipe for compressed air and other medium

Material:

crosslinked polyethylene (RAU-PE-Xa) according DIN 16892/93, UV stabilized, with a coat made of RAU-PE in color RAL 5015 sky blue in conformity with DIN 2403

Colour:

sky blue (RAL 5015)



Mat.-no.	Description	d mm	s mm	V*1 l/m	Weight	PG m
11351541005	20 x 1.9, blue, bar 5 m	20	1.9	0.206	117.3 g/m	50
11351541100	20 x 1.9, blue, coil 100 m	20	1.9	0.206	117.3 g/m	100
11351641005	25 x 2.3, blue, bar 5 m	25	2.3	0.327	176.56 g/m	25
11351641100*2	25 x 2.3, blue, coil 100 m	25	2.3	0.327	176.56 g/m	100
11351741005	32 x 2.9, blue, bar 5 m	32	2.9	0.539	277.94 g/m	25
11351741050	32 x 2,9, blue, coil 50 m	32	2.9	0.539	277.94 g/m	50
11351841005	40 x 3.7, blue, bar 5 m	40	3.7	0.835	424.8 g/m	10
11351941005	50 x 4.6, blue, bar 5 m	50	4.6	1.307	645.84 g/m	5
11352041005	63 x 5.8, blue, bar 5 m	63	5.8	2.075	1.032 kg/m	5
11352141005	75 x 6.8, blue, bar 5 m	75	6.8	2.961	1.468 kg/m	5
11352241005	90 x 8.2, blue, bar 5 m	90	8.2	4.254	2.11 kg/m	5
11352341005	110 x 10, blue, bar 5 m	110	10	6.362	3.112 kg/m	5
11045611005	125 x 11.4, blue, bar 5 m	125	11.4	8.203	4.153 kg/m	5
11352441005	160 x 14.6, blue, bar 5 m	160	14.6	13.437	6.638 kg/m	5

*1 Volume V

*2 Minimum order quantity and delivery time on request

RAUPEX-M pipe, SDR 11, red

Application:

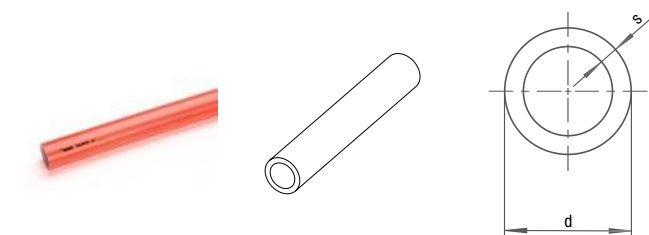
for use as industrial pipe for industrial medium

Material:

crosslinked polyethylene (RAU-PE-Xa) according DIN 16892/93, UV stabilized, with a coat made of RAU-PE

Colour:

Red (similar to RAL 3033)



Mat.-no.	Description	d mm	s mm	V*1 l/m	Weight	PG m
11614101005*2	20 x 1.9, red, bar 5 m	20	1.9	0.206	117 g/m	50
11614201005*2	25 x 2.3, red, bar 5 m	25	2.3	0.327	176.54 g/m	25
11614301005	32 x 2.9, red, bar 5 m	32	2.9	0.539	277.9 g/m	25
11614301050	32 x 2.9, red, coil 50 m	32	2.9	0.539	277.9 g/m	50
11614401005	40 x 3.7, red, bar 5 m	40	3.7	0.835	424.76 g/m	10
11614501005	50 x 4.6, red, bar 5 m	50	4.6	1.307	652.1 g/m	5
11614601005*2	63 x 5.8, red, bar 5 m	63	5.8	2.075	1.039 kg/m	5
11614701005*2	75 x 6.8, red, bar 5 m	75	6.8	2.961	1.461 kg/m	5
11614801005*2	90 x 8.2, red, bar 5 m	90	8.2	4.254	2.101 kg/m	5
11614901005*2	110 x 10, red, bar 5 m	110	10	6.362	3.101 kg/m	5
11615101005*2	125 x 11.4, red, bar 5 m	125	11.4	8.203	4.112 kg/m	5
11615301005*2	160 x 14.6, red, bar 5 m	160	14.6	13.437	6.643 kg/m	5

*1 Volume V

*2 Minimum order quantity and delivery time on request

RAUPEX-UV pipe, SDR 11, black

Application:

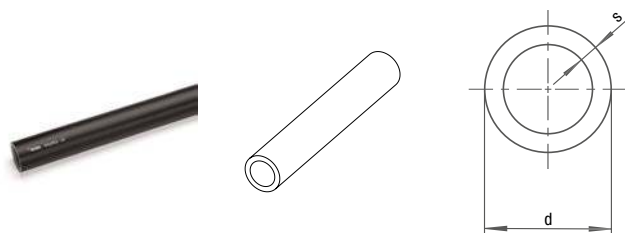
- For use as industrial pipe for non-flammable gas, liquids and other medium
- particularly suitable for outdoor use

Material:

crosslinked polyethylene (RAU-PE-Xa) according DIN 16892/93, UV stabilized, with a coat made of RAU-PE in color RAL 9005 black in conformity with DIN 2403

Colour:

black (RAL 9005)



Mat.-no.	Description	d mm	s mm	V*1 l/m	Weight	PG m
11043411005*2	20 x 1.9, black, bar 5 m	20	1.9	0.206	117.06 g/m	50
11043411100*2	20 x 1.9, black, coil 100 m	20	1.9	0.206	117.06 g/m	100
11043511005*2	25 x 2.3, black, bar 5 m	25	2.3	0.327	176.92 g/m	25
11043511100	25 x 2.3, black, coil 100 m	25	2.3	0.327	176.92 g/m	100
11043611005	32 x 2.9, black, bar 5 m	32	2.9	0.539	277.97 g/m	25
11043611050	32 x 2,9, black, coil 50 m	32	2.9	0.539	278.1 g/m	50
11043711005	40 x 3.7, black, bar 5 m	40	3.7	0.835	434.14 g/m	10
11043811005	50 x 4.6, black, bar 5 m	50	4.6	1.307	678.3 g/m	5
11043911005	63 x 5.8, black, bar 5 m	63	5.8	2.075	1.039 kg/m	5
11044011005*2	75 x 6.8, black, bar 5 m	75	6.8	2.961	1.461 kg/m	5
11044111005*2	90 x 8.2, black, bar 5 m	90	8.2	4.254	2.101 kg/m	5
11044211005*2	110 x 10,0, black, bar 5 m	110	10	6.362	3.101 kg/m	5
11045711005*2	125 x 11,4, black, bar 5 m	125	11.4	8.203	4112 g/m	5
11044311005*2	160 x 14.6, black, bar 5 m	160	14.6	13.437	6.643 kg/m	5

*1 Volume V

*2 Minimum order quantity and delivery time on request

RAUTHERM FW

Application:

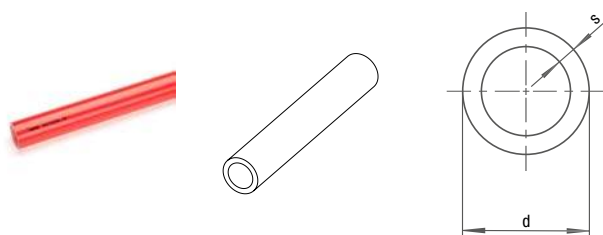
for use as industrial pipe in closed circuits, such as industrial heating or district heating applications

Material:

crosslinked polyethylene (RAU-PE-Xa) according DIN 16892/93 and EN 15632, with a coat against oxygen diffusion according DIN 4726 in color red

Colour:

red



Mat.-no.	Description	d mm	s mm	V*1 l/m	Weight	PG m
11366921005	25 x 2.3, red, bar 5 m	25	2.3	0.327	181.2 g/m	25
11367021005	32 x 2.9, red, bar 5 m	32	2.9	0.539	274.62 g/m	25
11367021050	32 x 2.9, red, coil 50 m	32	2.9	0.539	274.62 g/m	50
11365021005	40 x 3.7, red, bar 5 m	40	3.7	0.835	429.66 g/m	10
11365021050	40 x 3.7, red, coil 50 m	40	3.7	0.835	429.66 g/m	50
11365121005	50 x 4.6, red, bar 5 m	50	4.6	1.307	664.61 g/m	5
11365121050	50 x 4.6, red, coil 50 m	50	4.6	1.307	664.61 g/m	50
11365221005	63 x 5.8, red, bar 5 m	63	5.8	2.075	1.039 kg/m	5
11365321005	75 x 6.8, red, bar 5 m	75	6.8	2.961	1.479 kg/m	5
11365421005	90 x 8.2, red, bar 5 m	90	8.2	4.254	2.095 kg/m	5
11365521005	110 x 10.0, red, bar 5 m	110	10	6.362	3.104 kg/m	5
11364041005	125 x 11.4, red, bar 5 m	125	11.4	8.203	4.103 kg/m	5
11366521005	160 x 14.6, red, bar 5 m	160	14.6	13.437	6.679 kg/m	5

*1 Volume V

Pipe clip without clamp

Application:

For fastening the RAUPEX pipes

Properties:

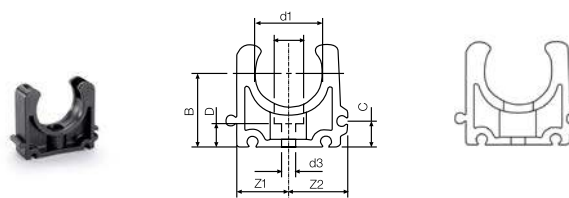
- combinable with spacers
- usable for medium temperature and ambient temperature up to 60 °C

Material:

Polypropylene (PP)

Colour:

Black



Mat.-no.	Description	D ₂ mm	d ₃ mm	b mm	c mm	d mm	z ₁ mm	z ₂ mm	Weight g/pc	PG pc
12436331001	20 without clamp	10	6	25	10	6	17	19	7	10
12436431001	25 without clamp	10	6	28	10	6	19	22	8	10
12436531001	32 without clamp	15	6	31	10	6	24	27	11	10

Pipe clip with clamp

Application:

For fastening the RAUPEX pipes

Properties:

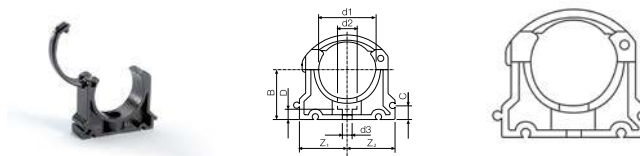
- combinable with spacers
- usable for medium temperature and ambient temperature up to 60 °C

Material:

Polypropylene (PP)

Colour:

Black

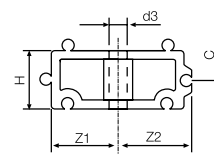
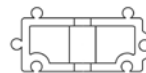


Mat.-no.	Description	D ₂	d ₃	b	c	d	z ₁	z ₂	Weight	PG
		mm	mm	mm	mm	mm	mm	mm		
12436631001	40 with clamp	14	7	35	10	7	34	34	25	10
12436731001	50 with clamp	14	7	40	10	7	37	37	28	10
12436831001	63 with clamp	17	9	52	10	10	45	45	45	10
12436931001	75 with clamp	17	9	28	15	10	52	58	57	10
12437031001	90 with clamp	17	9	70	15	10	62	61	91	10
12437131001	110 with clamp	17	9	80	15	10	74	73	123	10
12493501001	125 with clamp	17	9	103	15	14	83	82	155	10
12437231001	160 with clamp	17	9	120	15	14	106	105	293	10

Spacer

Application:

for use in combination with pipe clips (with or without clamp) to increase distance between clips and the wall or floor



Properties:

- installation height: 20 mm
- usable for medium temperature and ambient temperature up to 60 °C

Material:

Polypropylene (PP)

Colour:

Black

Mat.-no.	Description	d ₃ mm	c mm	z ₁ mm	z ₂ mm	H mm	Weight g/pc	PG pc
12437731001* ¹	20	6	10	17	19	20	6	10
12437831001* ¹	25	6	10	19	22	20	7	10
12437931001	32	6	10	24	27	20	8	10
12438031001	40	7	10	34	34	20	16	10
12438131001* ¹	50	7	10	37	37	20	17	10
12438231001* ¹	63	9	10	45	45	20	25	10
12438331001* ¹	75	9	10	52	52	20	27	10
12332231001* ¹	90	9	10	65	65	20	40	10
12332431001* ¹	110	9	10	78	78	20	50	10
12333231001* ¹	125	9	10	88	88	20	61	10
12333331001* ¹	160	9	10	109	109	20	76	10

*¹ Minimum order quantity and delivery time on request

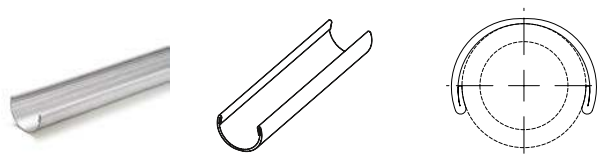
Supporting channel

Application:

to support or fix free layed RAUPEX/RAUTHERM pipes with dimension 20 to 160

Material:

sandzimir galvanized steel



Mat.-no.	Description	dimension	Length	Weight	PG
		mm	m	kg/pc	pc
12434831002	20 appropriate for 5 m pipe-bar	20	4.895	1.52	10
12434931002	25 appropriate for 5 m pipe-bar	25	4.895	2.32	10
12435031002	32 appropriate for 5 m pipe-bar	32	4.885	2.826	10
12435131002	40 appropriate for 5 m pipe-bar	40	4.875	4.48	5
12435231002	50 appropriate for 5 m pipe-bar	50	4.865	5.44	5
12435331002	63 appropriate for 5 m pipe-bar	63	4.85	6.4	5
12228551001	75 appropriate for 5 m pipe-bar	75	4.825	7.64	10
12228561001	90 appropriate for 5 m pipe-bar	90	4.8	9.14	10
12228571001	110 appropriate for 5 m pipe-bar	110	4.775	10.66	6
12316661001	125 appropriate for 5 m pipe-bar	125	4.775	12.2	5
12346001001	160 appropriate for 5 m pipe-bar	160	4.75	15.6	5

01.02 compression sleeve connections, SDR 11**Compression sleeve, SDR 11**

Application:

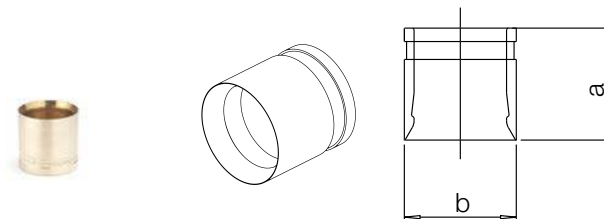
- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11

Material:

Brass LX or red brass RX

Colour:

Brass and red brass



Mat.-no.	Description	Type	a mm	b mm	Weight g/pc	PG pc
11395621001	20 x 1.9/2.0	LX	20	25	21.8	100
11395721001	25 x 2.3	LX	27	30	40	50
11394921001	32 x 2.9	LX	35	40	80	50
11386831001	40 x 3.7	LX	37	49	131	25
11386931001	50 x 4.6	LX	44	61	260	25
11387031001	63 x 5.8	LX	53	74	390	25
12676711002	75 x 6.8	RX	53	90	500	1
12676811002	90 x 8.2	RX	53	108	520	1
12676911002	110 x 10.0	RX	53	130	1090	1
12352291002	125 x 11.4	RX	53	145	1597	1
12062561002	140 x 12.7	RX	53	163	1800	1
12343241002	160 x 14.6	RX	53	185	2450	1

Coupling SDR 11

Application:

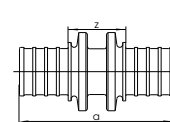
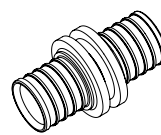
- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11

Material:

Brass LX or red brass RX

Colour:

Brass and red brass



Mat.-no.	Description	Type	a mm	z mm	Weight g/pc	PG pc
11690081001	20 - 20	LX	52	22	62	10
11690101001	25 - 25	LX	67	24	93	10
11690131001	32 - 32	LX	78	24	177	3
11690151001	40 - 40	LX	90	28	380	1
11691441001	50 - 50	LX	104	28	570	1
11691421001	63 - 63	LX	122	35	940	1
12676111001	75 - 75	RX	132	32	1780	1
12676211001	90 - 90	RX	132	32	2210	1
12676311001	110 - 110	RX	132	32	3120	1
12352191001	125 - 125	RX	133	33	4500	1
12062571001	140 - 140	RX	138	38	5000	1
12343341001	160 - 160	RX	143	43	5500	1

Reducer, SDR 11

Application:

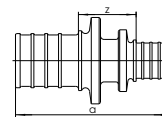
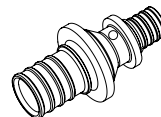
- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11

Material:

Brass LX or red brass RX

Colour:

Brass and red brass



Mat.-no.	Description	Type	a mm	z mm	Weight g/pc	PG pc
11690121001	25 - 20	LX	59	22	70	10
11690141001	32 - 25	LX	72	23	140	3
11690161001	40 - 20	LX	75	28	260	5
11690171001	40 - 32	LX	87	28	280	5
11691701001	50 - 32	LX	93	18	410	1
11691471001	50 - 40	LX	99	28	480	1
11691481001	63 - 50	LX	117	32	760	1
12676411001	75 - 63	RX	132	32	1400	1
12676511001	90 - 75	RX	137	36	1700	1
12676611001	110 - 90	RX	137	36	3100	1

Male adapter, SDR 11

Application:

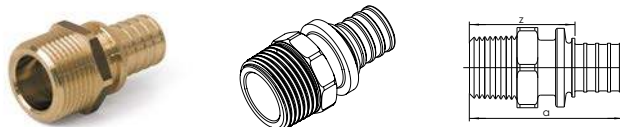
- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11

Material:

Brass LX or red brass RX

Colour:

Brass and red brass



Mat.-no.	Description	Type	a mm	z mm	AF*1	Weight	PG
11690971001	20 - R 1/2	LX	54	39	26	0.066 kg/pc	10
11690981001	20 - R 3/4	LX	53	38	28	0.086 kg/pc	10
11691051001	25 - R 3/4	LX	59	38	34	0.11 kg/pc	10
11691041001	25 - R 1	LX	63	42	31	0.131 kg/pc	10
11691091001	32 - R 1	LX	69	42	40	171 g/pc	3
11691111001	40 - R 1 1/4	LX	82	50	36	0.35 kg/pc	5
11691491001	50 - R 1 1/4	LX	89	50	41	0.48 kg/pc	1
11691431001	50 - R 1 1/2	LX	89	50	41	0.51 kg/pc	1
11691411001	63 - R 2	LX	100	54	55	0.8 kg/pc	1
12675811001	75 - R 2 1/2	RX	110	60	73	1.66 kg/pc	1
12675911001	90 - R 3	RX	111	60	90	2.11 kg/pc	1
12676011001	110 - R 4	RX	119	60	110	3.9 kg/pc	1
12352391001	125 - R 5	RX	116	66	120	5.2 kg/pc	1

*1 Wrench width AF

2-manifold 90°, with internal threat

Application:

to supply the mass flow to two outlets with simultaneous change of direction of 90°

Properties:

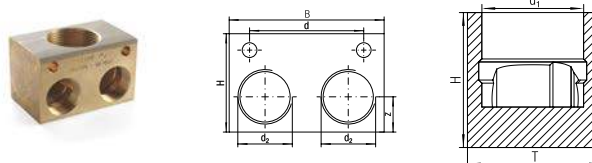
outlets with Rp internal thread

Material:

Brass

Colour:

brass



Mat.-no.	Description	a mm	d mm	z mm	Width B mm	Depth mm	Height mm	Weight kg/pc	PG pc
13045731001	Rp 1 1/2 - Rp 1, 90 degree	51	70	22	95	60	60	1.6	1
11691811001	Rp 2 - Rp 1 1/4, 90 degree	68	90	30	120	78	78	3.65	1

Adapter with conus 60°, SDR 11

Application:

- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11
- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL

Properties:

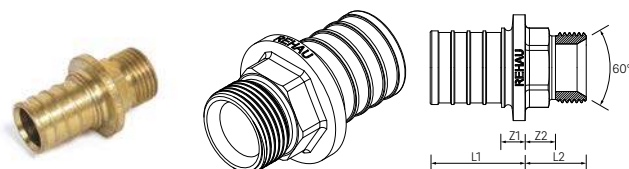
outlet with external thread with 60° conus

Material:

Brass

Colour:

brass



Mat.-no.	Description	L1 mm	L2 mm	Z1 mm	Z2 mm	Weight g/pc	PG pc	PG pc
11691681001	32 - G 1/2, 60 degree	36	20	9	11	99	10	50
13213461001	32 - G 3/4, 60 degree	36	23	9	13	130	10	50

Adapter with conus 24°, SDR 11

Application:

- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11
- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL

Properties:

Outlet designed as external thread with internal cone 24° according to ISO 8434-1 to connect a hose fitting with sealing head and union nut light series (L) in a metallic sealing way.

Material:

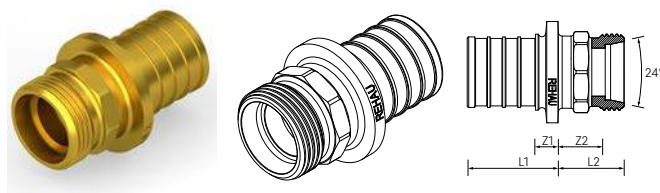
Brass

Colour:

brass

Note:

Suitable for Push-Lok fittings series 82 DKL (C3, C4, C5)



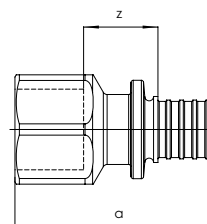
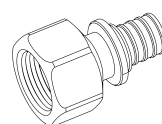
Mat.-no.	Description	L1 mm	L2 mm	Z1 mm	Z2 mm	M _{max} ^{*1} Nm	Weight g/pc	PG pc
11693001001	32 x 2,9 - M22 x 1,5, 24 degree	36	26	9	17	20	130	10
11693011001	32 x 2,9 - M30 x 2, 24 degree	36	26	9	16	40	148	10

*1 Tightening torque

Female adapter, SDR 11

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11



Material:

Brass

Colour:

brass

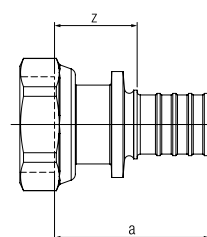
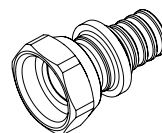
Mat.-no.	Description	Type	a mm	z mm	AF*1	Weight kg/pc	PG pc
11690991001	20 - Rp 1/2	LX	48	18	27	0.079	10
11691001001	20 - Rp 3/4	LX	50	19	34	0.11	10
11691071001	25 - Rp 3/4	LX	56	18	34	0.12	10
11691061001	25 - Rp 1	LX	61	20	41	0.2	10
11691911001	32 - Rp 1/2	LX	52	9	27	0.124	3
11691101001	32 - Rp 1	LX	66	20	41	0.18	3
11691901001	40 - Rp 1/2	LX	57	9	27	0.23	3

*1 Wrench width AF

Adapter with swivel nut, SDR 11

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11



Material:

Brass

Colour:

brass

Mat.-no.	Description	Type	a mm	z mm	Weight kg/pc	PG pc
11690951001	20 - G 1/2	LX	42	27	0.06	10
11690961001	20 - G 3/4	LX	40	25	0.07	10
11691031001	25 - G 3/4	LX	45	23	0.085	10
11691021001	25 - G 1	LX	48	26	0.095	10
11691941001	32 - G 1	LX	54	27	0.11	3
11692141001	40 - G 1 1/4	LX	59	27	0.15	5
11092191001	50 x 4,6 - G 1 1/2	LX	67	28	0.467	1
11092211001	63 x 5,8 - G 2	LX	86	40	0.838	1

Adapter with welding end, SDR 11

Application:

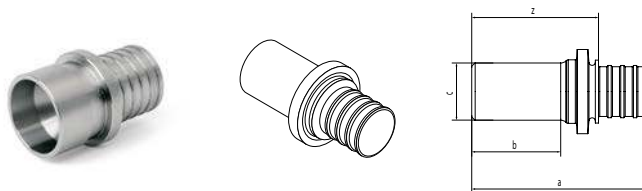
- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11
- for welding with a corresponding steel pipe

Material:

steel P355N

Note:

Not suitable for use with drinking water !



Mat.-no.	Description	a	b	c	z	Weight g/pc	PG pc
		mm	mm	mm	mm		
12671611001	25 x 2.3 - 26 x 2.9	50	20	26.9	30	70	10
12671811001	32 x 2.9 - 33.7 x 2.6	60	24	33.7	34	130	3
12672011001	40 x 3.7 - 42.4 x 2.6	70	29	42.4	37	270	3
12672211001	50 x 4.6 - 48.3 x 2.6	85	37	48.3	47	410	1
12672411001	63 x 5.8 - 60.3 x 2.9	90	32	60.3	45	550	1
12672611001	75 x 6.8 - 76.1 x 2.9	95	35	76.1	45	840	1
12672811001	90 x 8.2 - 88.9 x 3.2	95	35	88.9	45	1110	1
12673011001	110 x 10 - 114.3 x 3.6	90	30	114.3	40	1550	1
12352091001	125 x 11.4 - 139.6 x 3.6	108	48	139.7	59	2800	1
12062531001	140 x 12.7 - 139.7 x 3.6	112	50	145	62	4000	1
12316261001	160 x 14.6 - 168.3 x 4.1	114	50	168.3	64	4920	1

T-piece, SDR 11

Application:

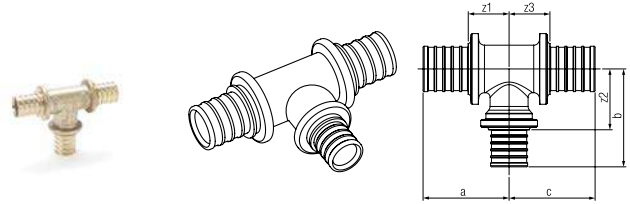
- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11

Material:

Brass LX or red brass RX

Colour:

Brass and red brass



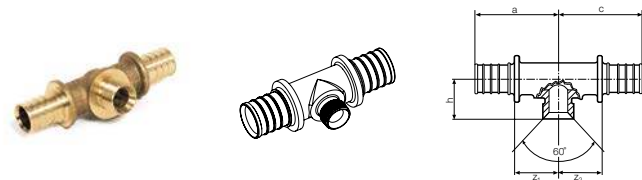
Mat.-no.	Description	Type	a mm	b mm	c mm	z ₁ mm	z ₂ mm	z ₃ mm	Weight	PG pc
equal										
11690451001	20 - 20 - 20	LX	40	43	40	25	28	25	135 g/pc	10
11690561001	25 - 25 - 25	LX	50	54	50	29	32	29	200 g/pc	10
11690631001	32 - 32 - 32	LX	57	62	57	30	35	30	400 g/pc	3
11690721001	40 - 40 - 40	LX	67	77	67	43	53	43	770 g/pc	1
11691561001	50 - 50 - 50	LX	88	87	88	49	48	49	870 g/pc	1
11691671001	63 - 63 - 63	LX	105	108	105	59	62	59	2350 g/pc	1
12219461001	75 - 75 - 75	RX	117	117	117	67	67	67	2700 g/pc	1
12219481001	90 - 90 - 90	RX	126	126	126	76	76	76	4000 g/pc	1
12219531001	110 - 110 - 110	RX	137	137	137	87	87	87	6000 g/pc	1
reduced centre and end										
11690491001	25 - 20 - 20	LX	47	46	41	26	31	26	165 g/pc	10
11690601001	32 - 25 - 25	LX	55	56	48	28	33	25	259 g/pc	3
11690701001	40 - 32 - 32	LX	69	67	63	37	40	36	580 g/pc	1
11691511001	50 - 25 - 40	LX	82	69	74	43	47	42	820 g/pc	1
11691531001	50 - 32 - 40	LX	72	75	73	33	48	41	720 g/pc	1
11691601001	63 - 32 - 50	LX	98	82	88	52	53	49	1200 g/pc	1
11691621001	63 - 40 - 40	LX	98	87	81	52	55	49	1500 g/pc	1
11691631001	63 - 40 - 50	LX	97	87	89	51	55	50	1600 g/pc	1
11691651001	63 - 50 - 50	LX	97	94	89	51	55	50	1600 g/pc	1
12219351001	75 - 32 - 63	RX	92	89	88	42	59	38	2100 g/pc	1
12219381001	75 - 50 - 63	RX	102	102	98	52	61	48	2400 g/pc	1
12219431001	75 - 63 - 63	RX	109	113	105	59	62	55	2500 g/pc	1
reduced centre										
11690531001	25 - 20 - 25	LX	48	47	48	26	32	26	184 g/pc	10
11690591001	32 - 20 - 32	LX	54	51	54	27	36	27	290 g/pc	3
11690611001	32 - 25 - 32	LX	57	58	57	30	36	30	310 g/pc	3
11690681001	40 - 20 - 40	LX	62	57	62	30	42	30	580 g/pc	1
11690691001	40 - 25 - 40	LX	67	66	67	43	44	43	670 g/pc	1
11690711001	40 - 32 - 40	LX	64	69	64	32	42	32	700 g/pc	1
11690771001	50 - 20 - 50	LX	69	62	69	30	47	30	810 g/pc	1
11691521001	50 - 25 - 50	LX	73	69	73	34	47	34	830 g/pc	1

Mat.-no.	Description	Type	a mm	b mm	c mm	z ₁ mm	z ₂ mm	z ₃ mm	Weight g/pc	PG pc
11691541001	50 - 32 - 50	LX	72	75	80	33	48	41	820 g/pc	1
11691551001	50 - 40 - 50	LX	74	80	74	35	48	35	900 g/pc	1
11691591001	63 - 25 - 63	LX	83	79	83	37	57	37	1200 g/pc	1
11691611001	63 - 32 - 63	LX	81	84	81	35	57	35	1200 g/pc	1
11691641001	63 - 40 - 63	LX	85	86	85	39	54	39	1700 g/pc	1
11691661001	63 - 50 - 63	LX	98	97	98	52	58	52	1900 g/pc	1
12219341001	75 - 25 - 75	RX	87	83	87	37	57	37	2100 g/pc	1
12677911001	75 - 32 - 75	RX	92	89	92	42	58	42	2100 g/pc	1
12219361001	75 - 40 - 75	RX	96	104	96	46	70	46	2250 g/pc	1
12313261001	75 - 50 - 75	RX	102	101	102	52	60	52	2500 g/pc	1
12219441001	75 - 63 - 75	RX	109	113	109	59	63	59	2500 g/pc	1
12313361001	90 - 32 - 90	RX	92	98	92	42	67	42	3000 g/pc	1
12219451001	90 - 40 - 90	RX	96	104	96	46	70	46	3200 g/pc	1
12313461001	90 - 63 - 90	RX	109	121	109	59	71	59	3800 g/pc	1
12313561001	110 - 32 - 110	RX	92	109	92	42	78	42	4300 g/pc	1
12219501001	110 - 50 - 110	RX	102	122	102	52	81	52	4700 g/pc	1
12313661001	110 - 63 - 110	RX	109	132	109	59	82	59	5400 g/pc	1
extended centre										
11690471001	20 - 25 - 20	LX	43	50	43	28	28	28	160 g/pc	10
12677811001	63 - 75 - 63	RX	113	109	113	63	59	63	1.69 kg/pc	1
reduced end										
11690551001	25 - 25 - 20	LX	50	54	43	29	32	28	196 g/pc	10
11690621001	32 - 32 - 25	LX	59	64	53	32	37	32	350 g/pc	3

T-piece outlet with conus 60°, SDR 11

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11



Properties:

outlet with external thread with 60° conus

Material:

Brass

Colour:

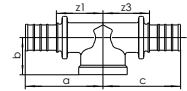
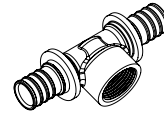
brass

Mat.-no.	Description	Type	a mm	b mm	c mm	z ₁ mm	z ₃ mm	Weight g/pc	PG pc
11691691001	32 - G1/2 - 32, 60 degree	LX	59	32	59	28	28	380	3

T-piece outlet with internal thread, SDR 11

Application:

- for pipes RAUTHERMEX SDR 11, RAUPIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11



Material:

Brass

Colour:

brass

Mat.-no.	Description	a mm	b mm	c mm	z ₁ mm	z ₃ mm	Weight g/pc	PG pc
equal								
11690481001	20 - Rp 1/2 - 20	45	25	45	30	30	151	10
11690571001	25 - Rp 1/2 - 25	56	26	56	35	35	215	10
11690581001	25 - Rp 3/4 - 25	56	28	56	35	35	225	10
11690641001	32 - Rp 1/2 - 32	56	28	56	29	29	275	3
11690671001	32 - Rp 3/4 - 32	67	36	67	40	40	345	1
11690651001	32 - Rp 1 - 32	67	30	67	40	40	420	3
11690731001	40 - Rp 1/2 - 40	63	40	63	31	31	560	1
11690761001	40 - Rp 3/4 - 40	67	41	67	35	35	613	1
11690751001	40 - Rp 1 - 40	72	37	75	40	42	700	1
11691771001	40 - Rp 1 1/4 - 40	74	41	74	42	42	699	1
11690791001	50 - Rp 1/2 - 50	70	45	70	22	22	807	1
11690801001	50 - Rp 3/4 - 50	74	46	74	35	35	1020	1
11691581001	50 - Rp 1 - 50	85	43	87	46	48	930	1
11690781001	50 - Rp 1 1/4 - 50	85	45	87	46	48	970	1
11690821001	63 - Rp 1/2 - 63	82	55	82	36	36	1100	1
11690831001	63 - Rp 3/4 - 63	84	49	84	38	38	1270	1
reduced end								
11690741001	40 - Rp 1 - 32	72	37	79	40	43	610	1
11691571001	50 - Rp 1 1/4 - 40	85	43	80	46	46	890	1

T-piece outlet 90°, SDR 11

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11



Properties:

- outlet above transit zone
- realisation of steps above parallel mounted pipes

Material:

Brass

Colour:

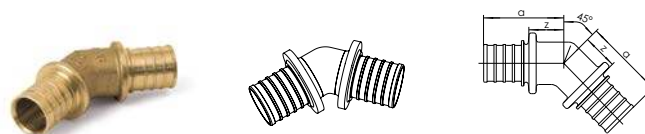
brass

Mat.-no.	Description	Type	a mm	b mm	c mm	Weight	PG pc
equal							
12098891001	32 - 32 - 32	LX	67	65	67	580 g/pc	4
12099241001	40 - 40 - 40, short	LX	75	75	75	1.118 kg/pc	4

Elbow 45°, SDR 11

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11



Material:

Brass LX or red brass RX

Colour:

Brass and red brass

Mat.-no. °	Description	Type	a mm	z mm	Weight kg/pc	PG pc
45						
11691251001	25 - 25, 45 degree	LX	46	20	0.137	10
11691271001	32 - 32, 45 degree	LX	54	27	0.259	3
11691291001	40 - 40, 45 degree	LX	58	27	0.457	1
11691311001	50 - 50, 45 degree	LX	67	28	0.7	1
11691501001	63 - 63, 45 degree	LX	81	35	1.305	1
12378361001	75 - 75, 45 degree	RX	85	35	1.72	1

Elbow, SDR 11 LX 90deg

Application:

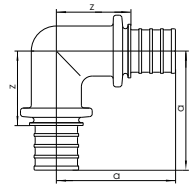
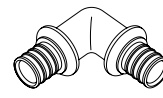
- for pipes RAUTHERMEX SDR 11, RAUPIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11

Material:

Brass LX or red brass RX

Colour:

Brass and red brass

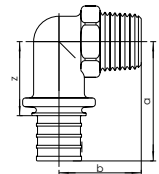
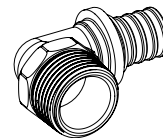


Mat.-no. °	Description	Type	a mm	z mm	Weight kg/pc	PG pc
90						
11691241001	20 - 20, 90 degree	LX	44	29	0.107	10
11691261001	25 - 25, 90 degree	LX	54	32	0.16	10
11691281001	32 - 32, 90 degree	LX	64	37	0.26	3
11691301001	40 - 40, 90 degree	LX	74	42	0.52	1
11691451001	50 - 50, 90 degree	LX	87	48	0.82	1
11691461001	63 - 63, 90 degree	LX	106	60	1.5	1
12677511001	75 x 75, 90 degree	RX	117	67	2.44	1
12677611001	90 - 90, 90 degree	RX	127	76	3.33	1
12677711001	110 - 110, 90 degree	RX	137	87	5.01	1

Elbow adapter with external thread SDR 11

Application:

- for pipes RAUTHERMEX SDR 11, RAUPIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11



Material:

Brass

Colour:

brass

Mat.-no.	Description	Type	a mm	b mm	z mm	AF*1	Weight kg/pc	PG pc
11691381001	20 - R 1/2	LX	44	30	27	23	0.095 kg/pc	10
11691391001	20 - R 3/4	LX	48	34	29	29	0.115 kg/pc	10
11691401001	25 - R 3/4	LX	54	37	29	29	0.18 kg/pc	10
11690261001	32 - R 1	LX	65	36	30	34	198 g/pc	3
11691831001	40 - R 1 1/4	LX	75	37	43	43	0.198 kg/pc	3

*1 Wrench width AF

Elbow adaptor with swivel nut, SDR 11 LX

Application:

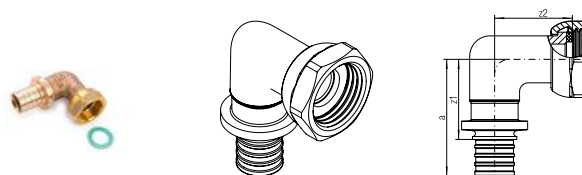
- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11

Material:

Brass

Colour:

brass



Mat.-no.	Description	Type	a mm	z ₁ mm	z ₂ mm	Weight kg/pc	PG pc
11691891001	32 - G1	LX	64	37	36	0.278	3
11691821001	40 - G 1	LX	71	39	37	0.418	3

Wall-mounted elbow, SDR 11 LX

Application:

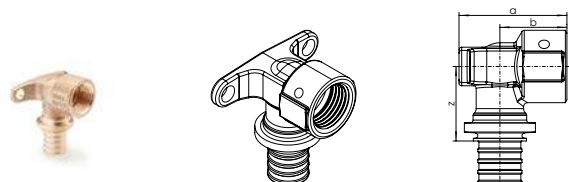
- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO Probe PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11

Material:

Brass

Colour:

brass



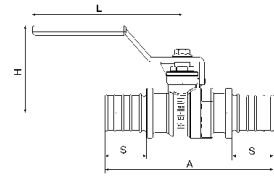
Mat.-no.	Description	a mm	b mm	c mm	z mm	Weight kg/pc	PG pc
11691161008	20 - Rp 1/2 short	41	26	44	29	0.131	10
11691181008	20 - Rp 3/4 short	42	26	47	32	0.155	10
11691191008	25 - Rp 3/4 short	47	30	53	32	0.184	10

01.03 ball valves with compression sleeve outlet, SDR 11

Ball valve, SDR 11

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect, RAUGEO collect plus
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11



Material:

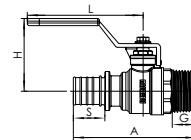
- Body: dezincification resistant special brass according to EN 12164 to EN 12168
- sealing: PTFE
- ball: chrome-plated brass
- hand lever: galvanised steel, plastic coated

Mat.-no.	Description	A	H	Length L	S	Weight	PG
		mm	mm	mm	mm		pc
11601421001	20 - 20	85	39	81	18	210 g/pc	1
11601621001	25 - 25	104	54	92	26	344 g/pc	1
11601821001	32 - 32	128	58	92	31	553 g/pc	1
11602021001	40 - 40	148	66	127	34	998 g/pc	1
11602121001	50 - 50	173	72	127	41	1.597 kg/pc	1
11602221001	63 - 63	204	82	142	50	2815 g/pc	1

Ball valve SDR 11, with external thread

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect, RAUGEO collect plus
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11



Material:

- Body: dezincification resistant special brass according to EN 12164 to EN 12168
- sealing: PTFE
- ball: chrome-plated brass
- hand lever: galvanised steel, plastic coated

Mat.-no.	Description	A	H	Length L	S	G	AF	Weight	PG
		mm	mm	mm	mm	mm		g/pc	pc
12331531001	20 - R 3/4	79	54	92	18	17	28	267	1
11601721001	25 - R 1	98	58	92	26	20	35	344	1
11601921001	32 - R 1	104	58	92	31	20	35	466	1

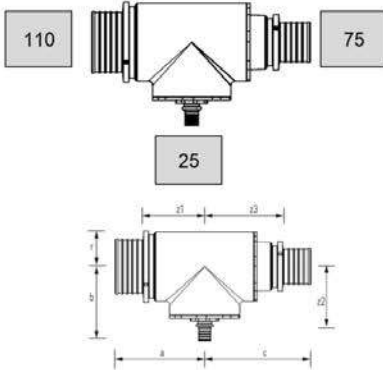


02 **Modular T-Piece SDR 11**

For all combinations with compression sleeve outlets in the size range 25 to 110

MODULARES T-STÜCK SDR 11 LX, gelötet

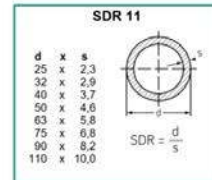
Wählen Sie hier bitte Ihre Abmessungen SDR 11:



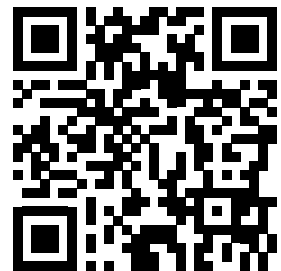
	Modulares T-Stück	Serienteil
Materialnummer	16863331083	-
Abmessung	110 - 25 - 75	-
Formtellausführung	Baugruppe Modular	-
Gewicht	10,03 kg	-
Preis*	842,84 €	-
Gewicht mit Verpackung	11,03 kg	-
Verpackung L x B x H	430 x 380 x 180 mm	-

*Alle Preise sind unverbindlich in EUR, excl. MwSt., Preise ohne Gewähr. Druckfehler, Änderungen und Irrtümer vorbehalten.

Maße	
Länge [a + c]	352 mm
a	161 mm
c	191 mm
Breite [b + f]	199 mm
b	134 mm
f	65 mm
Höhe	130 mm
z1	111 mm
z3	141 mm
z2	113 mm



Using the selection tool available from www.rehau.de/modular-fitting, you can quickly and easily find the article number for your fitting. Your fitting will be made to order and is therefore excluding from any returns. In addition to the article number for your fitting, the tool also provides you with the most important order details. Should your size selection be also available as a standard fitting, the tool will select the standard fitting. This way, you can be assured to always be provided with the most cost effective solution.

**Every possible combination you can think of**

The modular T-pieces in SDR11 are available in all size combination from 25 - 110 (later also up to 160)

**Long-lasting and secure**

The modular fittings are joined by threads and then soft soldered - no O-rings

**100% checked**

Every fitting is pressure tested and comes with a test certificate

**Easy Selection**

Using our selection tool, you find your matching fitting in seconds.

**Superior hygiene**

The materials used are listed in the positive list of the Umweltbundesamt

**Delivery on demand**

Your fitting is made specifically for you and cannot therefore be returned.

02.01 **Modular T-Piece SDR 11**

Modular T-piece SDR 11

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11

Properties:

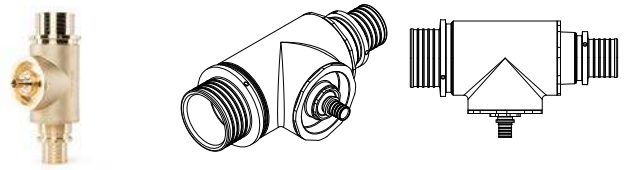
- modular construction, any combination of dimensions 25 - 110
- Components joined using threads and soft soldering

Material:

Brass (CW617N)

Colour:

brass





03 FUSAPEX

Electrofusion socket technology for temperatures from -40 °C to +95 °C

FUSAPEX Coupler

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11
- for FUSAPEX reducers and flange transitions

Properties:

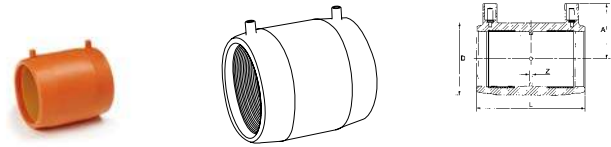
- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- inner welding wire to weld
- Tested according to DIN EN ISO 15875-5
- automatic recognition of welding parameters using SMARTFUSE technology

Colour:

Orange

Note:

Training followed by an examination are required in order to properly work with REHAU FUSAPEX electrofusion fittings



Mat.-no.	Description	a mm	d mm	z mm	L* ¹ mm	Weight g/pc	PG pc
14847011001	50, orange	52	68	3	100	150	1
14847021001	63, orange	58	82	3	118	230	1
14847031001	75, orange	65	98	3	126	330	1
14847041001	90, orange	69	117	3	148	650	1
14847051001	110, orange	79	140	3	163	832	1
14847061001	125, orange	87	157	3	173	998	1
14847071001	140, orange	97	174	3	183	1295	1
14847081001	160, orange	113	200	3	194	1752	1

*1 Length L

FUSAPEX 2.0 T-piece

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11
- for FUSAPEX reducers and flange transitions

Properties:

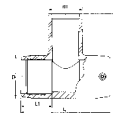
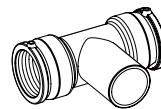
- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- inner welding wire to weld
- Tested according to DIN EN ISO 15875-5
- automatic recognition of welding parameters using SMARTFUSE technology

Colour:

Orange

Note:

Training followed by an examination are required in order to properly work with REHAU FUSAPEX electrofusion fittings



Mat.-no.	Description	d mm	d1 mm	H mm	L*1 mm	L1 mm	Weight g/pc	PG pc
14847211001	50-50-50, orange	68	50	102	155	48	270	1
14847221001	63-63-63, orange	82	63	119	167	58	434	1
14847231001	75-75-75, orange	96	75	129	196	63	597	1
14847241001	90-90-90, orange	113	90	137	294	71	1115	1
14847251001	110-110-110, orange	143	110	160	326	71	1965	1
14847261001	125-125-125, orange	165	125	177	382	86	2200	1
14847281001	160-160-160, orange	208	160	206	440	86	4700	1

*1 Length L

FUSAPEX Elbow 90°

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11
- for FUSAPEX reducers and flange transitions

Properties:

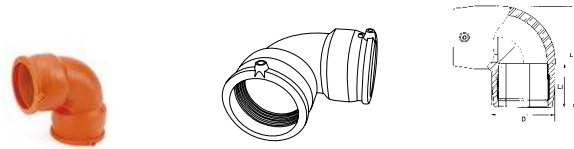
- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- inner welding wire to weld
- Tested according to DIN EN ISO 15875-5
- automatic recognition of welding parameters using SMARTFUSE technology

Colour:

Orange

Note:

Training followed by an examination are required in order to properly work with REHAU FUSAPEX electrofusion fittings



Mat.-no. °	Description	d mm	L* ¹ mm	L1 mm	Weight g/pc	PG pc
90						
14847111001	50, 90 degree, orange	68	108	48	221	1
14847121001	63, 90 degree, orange	81	131	57	333	1
14847131001	75, 90 degree, orange	96	150	61	506	1
14847141001	90, 90 degree, orange	111	202	70	855	1
14847151001	110, 90 degree, orange	140	234	73	1522	1
14847161001	125, 90 degree, orange	163	271	81	2330	1
14847171001	140, 90 degree, orange	183	309	93	3024	1
14847181001	160, 90 degree, orange	209	323	87	3720	1

*¹ Length L

FUSAPEX Geo coupling

Application:

- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUTHERM FW SDR 11

Properties:

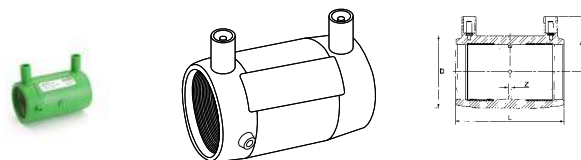
- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- inner welding wire to weld
- Tested according to DIN EN ISO 15875-5

Colour:

Green

Note:

Training followed by an examination are required in order to properly work with REHAU FUSAPEX electrofusion fittings



Mat.-no.	Description	A mm	D mm	Z mm	Length L mm	Weight g/pc	PG pc
13254611001	32, green	41	44	2	80	65	1
13254621001	40, green	45	55	3	90	100	1

FUSAPEX Geo elbow 90°

Application:

- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUTHERM FW SDR 11

Properties:

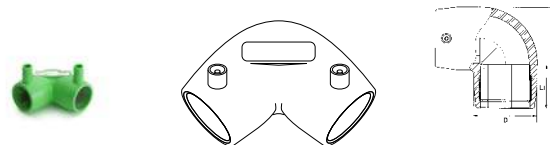
- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- inner welding wire to weld
- Tested according to DIN EN ISO 15875-5

Colour:

Green

Note:

Training followed by an examination are required in order to properly work with REHAU FUSAPEX electrofusion fittings

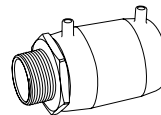


Mat.-no.	Description	D mm	Length L mm	Weight g/pc	PG pc
13254631001	32, 90 degree	44	79	90	1
13254641001	40, 90 degree	56	93	145	1

FUSAPEX 2.0 connection with external thread

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11
- for FUSAPEX reducers and flange transitions



Properties:

- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- inner welding wire to weld
- external thread according DIN 2999 made of brass CW 602 N
- Tested according to DIN EN ISO 15875-5

Colour:

Orange

Note:

Training followed by an examination are required in order to properly work with REHAU FUSAPEX electrofusion fittings

Mat.-no.	Description	d2 mm	L* ¹ mm	L2 mm	AF	Weight kg/pc	PG pc
14847311001	50 - R 1 1/2, orange	38	136	36	55	0.548	1
14847321001	63 - R 2, orange	48	160	41	70	0.9	1
14847331001	75 - R 2 1/2, orange	51	171	46	85	1.477	1

*¹ Length L

FUSAPEX reducer, SDR 11

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11

Properties:

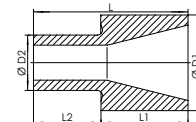
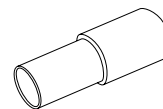
- patented current efficient construction in compact design
- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- pressure: 6 bar

Material:

PE-X

Colour:

Natural



Mat.-no.	Description	d1 mm	d2 mm	L*1 mm	L1 mm	L2 mm	Weight	PG pc
12143981001	63 - 50	63	50	105	57	48	290 g/pc	1
12143991001	75 - 50	75	50	109	61	48	290 g/pc	1
12144011001	75 - 63	75	63	118	61	57	290 g/pc	1
12144021001	90 - 50	90	50	119	71	48	290 g/pc	1
12144031001	90 - 63	90	63	128	71	57	290 g/pc	1
12036041001	90 - 75	90	75	132	71	61	290 g/pc	1
12144051001	110 - 50	110	50	127	79	48	290 g/pc	1
12144061001	110 - 63	110	63	136	79	57	290 g/pc	1
12036051001	110 - 75	110	75	140	79	61	464 g/pc	1
12036071001	110 - 90	110	90	150	79	71	485 g/pc	1
12144071001	125 - 50	125	50	131	83	48	290 g/pc	1
12144081001	125 - 63	125	63	140	83	57	290 g/pc	1
12036081001	125 - 75	125	75	144	83	61	658 g/pc	1
12036111001	125 - 90	125	90	154	83	71	658 g/pc	1
12036141001	125 - 110	125	110	162	83	79	660 g/pc	1
12144091001	140 - 125	140	125	175	91	84	814 g/pc	1
12036151001	160 - 75	160	75	156	95	61	1255 g/pc	1
12036161001	160 - 90	160	90	166	95	71	1230 g/pc	1
12036171001	160 - 110	160	110	174	95	79	1222 g/pc	1
12036181001	160 - 125	160	125	178	95	83	1203 g/pc	1
12144971001	160 - 140	160	140	187	96	91	1.123 kg/pc	1

*1 Length L

FUSAPEX flange adapter, SDR 11

Application:

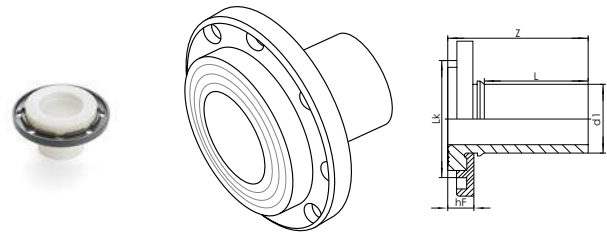
- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11

Properties:

- flange dimension according EN 1092-1
- PN 10 with polymer coated and turnable loose-type flange made of GGG40
- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- for the use with profile sealing
- pressure: 6 bar

Material:

flange sleeve: PE-Xa



Mat.-no.	Description	number	d1 mm	z mm	h _f mm	L* ¹ mm	LK* ² mm	M _{max} * ³ Nm	Weight kg/pc	PG pc
11055791001	50/DN 40	4	50	87	29	50	110	20	1.4	1
11022841001	63/DN 50	4	63	96	27	59	125	20	1.908	1
12031281001	75/DN 65	4	75	101	29	61	145	20	1.908	1
12299981001	90/DN 80	8	90	110	29	71	160	20	2.09	1
12299991001	110/DN 100	8	110	117	31	79	180	20	2.5	1
12887131001	125/DN 100	8	125	130	38	83	180	20	2.78	1

*¹ Length L*² bolt circle LK*³ maximum torque M_{max}**FUSAPEX gasket EPDM**

Application:

profile sealing with metal inlay for flange connections according EN 1514-1

Properties:

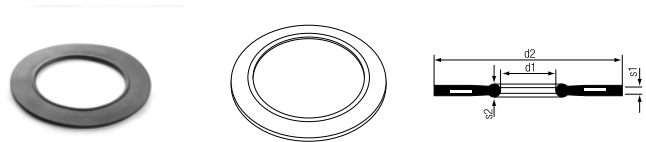
temperature range: -30 °C to +120 °C

Material:

peroxide-crosslinked EPDM

Colour:

Black



Mat.-no.	Description	PN	d1 mm	d2 mm	S ₁ mm	S ₂ mm	Weight g/pc	PG pc
12052581001	50/ DN40, PN 10 - 40, black	10-40	49	92	4	5	32	1
12052631001	63/ DN50, PN 10 - 40, black	10-40	61	107	4	5	40	1
12052651001	75/ DN65, PN 10 - 40, black	10-40	77	127	4	5	51	1
12052661001	90/ DN80, PN 10 - 40, black	10-40	89	142	4	5	60	1
12052671001	110/100 and 125/100, PN 10-16, black	10-16	115	162	5	6	90	1



04 Connection technology SMARTFUSE

Electrofusion socket technology for temperatures from -40 °C to +50 °C

04.01 SMARTFUSE

SMARTFUSE coupler

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

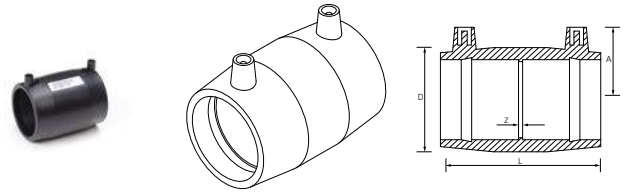
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



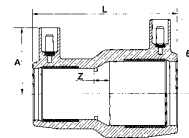
Mat.-no.	Description	PN	D mm	A mm	Z mm	L ^{*1} mm	Weight	PG pc
12450021001	20, PE 100, black	16	36	35	2	76	50 g/pc	1
12450121001	25, PE 100, black	16	36	38	2	71	40 g/pc	1
12450221001	32, PE 100, black	16	44	41	2	80	65 g/pc	1
12450321001	40, PE 100, black	16	55	45	3	90	100 g/pc	1
12450421001	50, PE 100, black	16	68	52	3	100	152 g/pc	1
12450521001	63, PE 100, black	16	82	58	3	118	240 g/pc	1
12450621001	75, PE 100, black	16	98	65	3	126	350 g/pc	1
12450721001	90, PE 100, black	16	117	69	3	148	570 g/pc	1
12450821001	110, PE 100, black	16	140	79	3	163	810 g/pc	1
12330621001	125, PE 100, black	16	157	87	3	173	1.75 kg/pc	1
12451121001	160, PE 100, black	16	200	113	3	194	1.815 kg/pc	1

*1 Length L

SMARTFUSE reducing coupler

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

Mat.-no.	Description	PN	A mm	B mm	Z mm	L* mm	Weight	PG pc
12452421001	25 - 20, PE 100, black	16	36	36	4	71	65 g/pc	1
12452521001	32 - 20, PE 100, black	16	36	42	4	80	60 g/pc	1
12452621001	32 - 25, PE 100, black	16	39	42	7	80	50 g/pc	1
12891491001	40 - 25, PE 100, black	16	39	47	6	90	93 g/pc	1
12452721001	40 - 32, PE 100, black	16	42	47	8	90	93 g/pc	1
12891511001	50 - 25, PE 100, black	16	42	47	7	100	112 g/pc	1
12452821001	50 - 32, PE 100, black	16	44	52	11	98	118 g/pc	1
12452921001	50 - 40, PE 100, black	16	48	52	6	98	136 g/pc	1
12453021001	63 - 32, PE 100, black	16	44	58	22	118	178 g/pc	1
12453121001	63 - 40, PE 100, black	16	48	58	17	118	190 g/pc	1
12453221001	63 - 50, PE 100, black	16	53	58	12	118	224 g/pc	1
12496271001	75 - 63, PE 100, black	16	58	65	8	126	310 g/pc	1
12480041001	90 - 50, PE 100, black	16	52	77	21	142	420 g/pc	1
12453321001	90 - 63, PE 100, black	16	59	77	14	144	440 g/pc	1
12252431001	90 - 75, PE 100, black	16	66	77	13	145	500 g/pc	1
12451021001	110 - 63, PE 100, black	16	59	83	20	158	640 g/pc	1
12453421001	110 - 90, PE 100, black	16	73	83	9	161	745 g/pc	1
12330821001	125 - 90, PE 100, black	16	69	87	16	173	1.16 kg/pc	1
12336221001	125 - 110, PE 100, black	16	79	87	8	173	1.21 kg/pc	1
12389401001	160 - 90, PE 100, black	16	69	104	23	192	1.44 kg/pc	1
12389481001	160 - 110, PE 100, black	16	79	104	17	193	1.52 kg/pc	1
12389501001	160 - 125, PE 100, black	16	87	104	13	194	1.57 kg/pc	1

*1 Length L

Reducer, SDR 11

Application:
moulded part to weld with electrofusion fittings made of
PE

Properties:

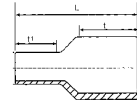
- UV stabilized
- pressure: PN 16 (SDR 11), PN 10 (SDR 17)

Material:

Polyethylene 100 (PE)

Colour:

Black



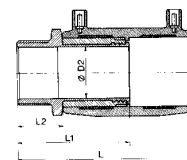
Mat.-no.	Description	PN	t ₁ mm	t mm	L ^{*1} mm	Weight	PG pc
12428471001	40 - 32, PE 100, black	16	50	40	115	40 g/pc	1
12428671001	50 - 32, PE 100, black	16	55	43	128	66 g/pc	1
12428771001	50 - 40, PE 100, black	16	55	49	132	79 g/pc	1
12428871001	63 - 32, PE 100, black	16	63	43	142	110 g/pc	1
12428971001	63 - 40, PE 100, black	16	63	49	146	120 g/pc	1
12429071001	63 - 50, PE 100, black	16	63	55	150	138 g/pc	1
12429171001	75 - 50, PE 100, black	16	63	57	150	160 g/pc	1
12429271001	75 - 63, PE 100, black	16	73	70	180	218 g/pc	1
12342441001	90 - 50, PE 100, black	16	79	70	180	282 g/pc	1
12429371001	90 - 63, PE 100, black	16	79	70	186	315 g/pc	1
12429471001	90 - 75, PE 100, black	16	79	70	183	345 g/pc	1
12429571001	110 - 63, PE 100, black	16	85	70	185	440 g/pc	1
12342541001	110 - 75, PE 100, black	16	85	70	185	480 g/pc	1
12429671001	110 - 90, PE 100, black	16	85	79	185	530 g/pc	1
12330921001	125 - 63, PE 100, black	16	90	70	200	600 g/pc	1
12331021001	125 - 90, PE 100, black	16	90	79	200	665 g/pc	1
12331121001	125 - 110, PE 100, black	16	90	88	200	770 g/pc	1
12429771001	160 - 90, PE 100, black	16	120	75	250	1.3 kg/pc	1
12429871001	160 - 110, PE 100, black	16	120	85	250	1.39 kg/pc	1
12336321001	160 - 125, PE 100, black	16	120	90	250	1.42 kg/pc	1

*1 Length L

SMARTFUSE male adapter (brass)

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- external thread according DIN 2999 made of standard brass
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

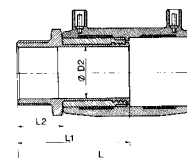
Mat.-no.	Description	PN	d2 mm	L*1 mm	L1 mm	L2 mm	AF	Weight	PG pc
12461841001	20 - R 1/2, PE 100, black	16	14	100	64	29	27	130 g/pc	1
12457621001	25 - R 3/4, PE 100, black	16	19	98	61	29	32	150 g/pc	1
12354251001	32 - R 1/2, PE 100, black	16	23	109	70	29	27	241 g/pc	1
12354351001	32 - R 3/4, PE 100, black	16	23	109	70	29	32	243 g/pc	1
12457721001	32 - R 1, PE 100, black	16	23	114	76	34	40	256 g/pc	1
12457821001	32 - R 1 1/4, PE 100, black	16	23	116	79	36	50	393 g/pc	1
12457921001	32 - R 1 1/2, PE 100, black	16	23	116	79	36	55	440 g/pc	1
12458021001	40 - R 1, PE 100, black	16	29	124	81	34	50	468 g/pc	1
12458121001	40 - R 1 1/4, PE 100, black	16	29	126	83	36	50	468 g/pc	1
12458221001	40 - R 1 1/2, PE 100, black	16	29	126	83	36	55	468 g/pc	1
12458321001	40 - R 2, PE 100, black	16	38	131	88	41	70	655 g/pc	1
12458421001	50 - R 1, PE 100, black	16	38	134	86	34	55	418 g/pc	1
12458521001	50 - R 1 1/4, PE 100, black	16	38	136	88	36	55	548 g/pc	1
12458621001	50 - R 1 1/2, PE 100, black	16	38	136	88	36	55	548 g/pc	1
12458721001	50 - R 2, PE 100, black	16	38	141	93	41	70	698 g/pc	1
12458821001	63 - R 1 1/4, PE 100, black	16	48	154	97	36	70	740 g/pc	1
12458921001	63 - R 1 1/2, PE 100, black	16	48	154	97	36	70	885 g/pc	1
12459021001	63 - R 2, PE 100, black	16	48	159	102	41	70	894 g/pc	1
12468021001	75 - R 2, PE 100, black	16	59	167	106	41	85	1.3 kg/pc	1
12454521001	75 - R 2 1/2, PE 100, black	16	59	172	111	46		1.5 kg/pc	1

*1 Length L

SMARTFUSE male adapter PE 100

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- external thread according DIN 2999 made of PE 100
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

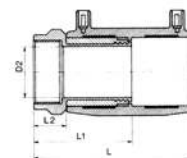
Mat.-no.	Description	L* ¹ mm	L1 mm	L2 mm	AF	Weight g/pc	PG pc
12450371001	25 - R 3/4, PE 100, black	102	65	31	32	65	1
12450471001	32 - R 1, PE 100, black	115	74	35	41	111	1
12450571001	40 - R 1 PE 100, black	127	81	37	50	468	1
12450671001	40 - R 1 1/4, PE 100, black	130	83	40	50	468	1
12450771001	40 - R 1 1/2, PE 100, black	130	84	40	55	468	1
12450871001	50 - R 1 1/2, PE 100, black	140	89	40	55	548	1
12450971001	63 - R 1 1/2, PE 100, black	160	102	44	70	548	1
12451071001	63 - R 2, PE 100, black	166	106	48	70	894	1

*1 Length L

SMARTFUSE female adapter (brass)

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- internal thread according DIN 2999 made of standard brass
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

Mat.-no.	Description	PN	d2 mm	L* mm	L1 mm	AF	Weight g/pc	PG pc
12461941001	20 - Rp 1/2, PE 100, black	16	14	91	55	27	125	1
12459121001	25 - Rp 3/4, PE 100, black	16	19	94	61	32	141	1
12459221001	32 - Rp 1, PE 100, black	16	23	105	68	40	260	1
12459321001	40 - Rp 1, PE 100, black	16	29	115	72	50	410	1
12459421001	40 - Rp 1 1/4, PE 100, black	16	29	115	72	50	418	1
12459521001	40 - Rp 1 1/2, PE 100, black	16	29	115	72	55	480	1
12459621001	50 - Rp 1 1/2, PE 100, black	16	38	125	77	55	488	1
12459721001	50 - Rp 2, PE 100, black	16	38	130	82	70	510	1
12459821001	63 - Rp 1 1/2, PE 100, black	16	48	147	91	70	924	1
12459921001	63 - Rp 2, PE 100, black	16	48	147	91	70	894	1

*1 Length L

SMARTFUSE end cap

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld the RAUPEX-pipes and PE 63, PE 80 und PE 100 pipes in SDR 11/17
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

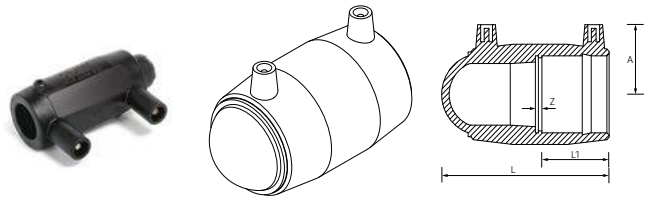
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no.	Description	PN	A mm	Z mm	L*1 mm	Weight	PG pc
12451221001	20, PE 100, black	16	38	2	77	48 g/pc	1
12451321001	25, PE 100, black	16	38	2	77	50 g/pc	1
12451421001	32, PE 100, black	16	42	2	93	76 g/pc	1
12451521001	40, PE 100, black	16	47	3	106	130 g/pc	1
12451621001	50, PE 100, black	16	52	3	120	240 g/pc	1
12451721001	63, PE 100, black	16	58	3	142	327 g/pc	1
12451821001	75, PE 100, black	16	65	3	156	499 g/pc	1
12451921001	90, PE 100, black	16	69	3	181	820 g/pc	1
12452021001	110, PE 100, black	16	79	3	206	1.259 kg/pc	1
12330721001	125, PE 100, black	16	87	3	222	1.72 kg/pc	1
12452321001	160, PE 100, black	16	113	3	257	2.99 kg/pc	1

*1 Length L

SMARTFUSE T-piece

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

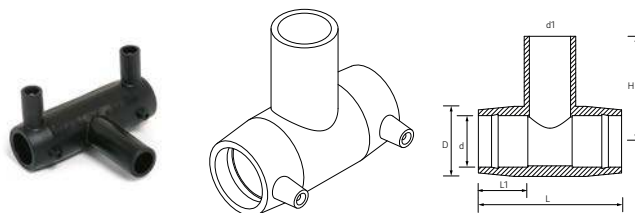
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no.	Description	PN	D mm	H mm	L* mm	L1 mm	Weight	PG pc
12252381001	20 - 20 - 20, PE 100, black	16	36	78	98	35	97 g/pc	1
12248291001	25 - 25 - 25, PE 100, black	16	44	43	104	40	97 g/pc	1
12453721001	32 - 32 - 32, PE 100, black	16	44	74	104	39	97 g/pc	1
12453821001	40 - 40 - 40, PE 100, black	16	56	90	121	44	176 g/pc	1
12453921001	50 - 50 - 50, PE 100, black	16	68	102	139	49	270 g/pc	1
12454021001	63 - 63 - 63, PE 100, black	16	82	119	166	58	434 g/pc	1
12454121001	75 - 75 - 75, PE 100, black	16	97	126	187	61	597 g/pc	1
12454221001	90 - 90 - 90, PE 100, black	16	112	137	293	71	1.115 kg/pc	1
12454321001	110 - 110 - 110, PE 100, black	16	143	160	328	72	1.965 kg/pc	1
12331221001	125 - 125 - 125, PE 100, black	16	163	177	381	85	2.2 kg/pc	1
12454421001	160 - 160 - 160, PE 100, black	16	212	206	443	86	4.7 kg/pc	1

*1 Length L

SMARTFUSE T-piece, outlet extended

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

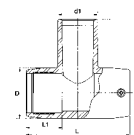
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



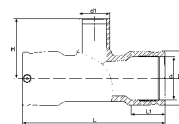
Mat.-no.	Description	PN	D mm	H mm	L*1 mm	L1 mm	Weight g/pc	PG pc
12453621001	25 - 32 - 25, PE 100, black	16	38	78	98	35	140	1

*1 Length L

SMARTFUSE T-piece, outlet reduced

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

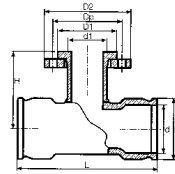
Mat.-no.	Description	PN	D mm	H mm	L* mm	L1 mm	Weight	PG pc
12252391001	25 - 20 - 25, PE 100, black	16	44	78	104	40	80 g/pc	1
12454621001	32 - 20 - 32, PE 100, black	16	44	66	104	39	90 g/pc	1
12891361001	32 - 25 - 32, PE 100, black	16	44	66	104	39	99 g/pc	1
12454721001	40 - 20 - 40, PE 100, black	16	56	72	121	44	160 g/pc	1
12891371001	40 - 25 - 40, PE 100, black	16	55	72	121	43	170 g/pc	1
12891381001	40 - 32 - 40, PE 100, black	16	55	75	121	43	180 g/pc	1
12454821001	50 - 20 - 50, PE 100, black	16	68	78	139	49	240 g/pc	1
12891391001	50 - 25 - 50, PE 100, black	16	68	78	139	48	245 g/pc	1
12454921001	50 - 32 - 50, PE 100, black	16	68	86	139	49	250 g/pc	1
12891411001	50 - 40 - 50, PE 100, black	16	68	90	139	48	257 g/pc	1
12455021001	63 - 20 - 63, PE 100, black	16	82	85	166	58	365 g/pc	1
12455121001	63 - 32 - 63, PE 100, black	16	82	93	166	58	370 g/pc	1
12452121001	63 - 40 - 63, PE 100, black	16	82	104	166	58	365 g/pc	1
12452221001	63 - 50 - 63, PE 100, black	16	82	109	166	58	380 g/pc	1
12034091001	75 - 63 - 75, PE 100, black	16	97	122	195	63	596 g/pc	1
12455221001	90 - 63 - 90, PE 100, black	16	112	124	293	67	1.5 kg/pc	1
12455321001	110 - 63 - 110, PE 100, black	16	143	134	328	68	1.75 kg/pc	1
12455421001	110 - 90 - 110, PE 100, black	16	143	147	328	68	1.85 kg/pc	1
12332021001	125 - 90 - 125, PE 100, black	16	163	161	381	85	2.35 kg/pc	1
12332121001	125 - 110 - 125, PE 100, black	16	163	173	381	85	2.05 kg/pc	1
12456221001	160 - 90 - 160, PE 100, black	16	212	180	443	86	4.45 kg/pc	1
12457321001	160 - 110 - 160, PE 100, black	16	212	193	443	86	4.45 kg/pc	1
12336421001	160 - 125 - 160, PE 100, black	16	212	198	443	86	4.47 kg/pc	1

*1 Length L

SMARTFUSE T-piece, flange adapter

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- flange outlet according to DIN 2501
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

Mat.-no.	Description	PN	d	d1	d2	H	L*1	d _p	Weight	PG
			mm	mm	mm	mm	mm	mm	kg/pc	pc
12331321001	90 - DN 80 - 90, PE 100, black	16	112	138	200	165	293	160	2.835	1
12331421001	110 - DN 80 - 110, PE 100, black	16	143	138	200	181	328	160	3.56	1
12331521001	110 - DN 100 - 110, PE 100, black	16	143	158	220	181	328	180	4.24	1
12331621001	125 - DN 80 - 125, PE 100, black	16	163	138	200	190	381	160	4.55	1
12331721001	125 - DN 100 - 125, PE 100, black	16	163	158	220	190	381	180	5.185	1
12331821001	160 - DN 80 - 160, PE 100, black	16	212	138	200	210	443	160	6.245	1
12331921001	160 - DN 100 - 160, PE 100, black	16	212	158	220	210	443	180	6.785	1

*1 Length L

SMARTFUSE flex-elbow 0° - 24°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

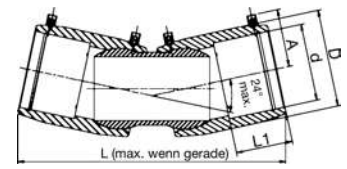
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVAL-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no.	Description	PN	a mm	d mm	L*1 mm	L1 mm	Weight kg/pc	PG pc
13728811001	90, PE 100, 0-24 degree, black	16	77	116	341	72	1.45	1
12254031001	110, PE 100, 0-24 degree, black	16	83	140	362	80	2.2	1
12254041001	125, PE 100, 0-24 degree, black	16	95	157	382	87	2.55	1
12254051001	160, PE 100, 0-24 degree, black	16	114	200	456	157	4.51	1

*1 Length L

SMARTFUSE elbow 22.5°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

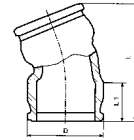
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



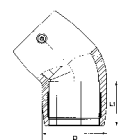
Mat.-no. °	Description	PN	D mm	L*1 mm	L1 mm	Weight	PG pc
22.5							
12758681001	90, PE 100, 22,5 degree, black	16	112	215	71	750 g/pc	1
12758781001	110, PE 100, 22,5 degree, black	16	143	235	72	1.123 kg/pc	1
12332221001	125, PE 100, 22,5 degree, black	16	163	273	85	1.9 kg/pc	1
12332321001	160, PE 100, 22,5 degree, black	16	199	305	86	2.83 kg/pc	1

*1 Length L

SMARTFUSE elbow 45°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

Mat.-no. °	Description	PN	D mm	L*1 mm	L1 mm	Weight	PG pc
45							
12455521001	32, PE 100, 45 degree, black	16	44	95	39	75 g/pc	1
12455621001	40, PE 100, 45 degree, black	16	56	108	44	125 g/pc	1
12455721001	50, PE 100, 45 degree, black	16	68	124	49	196 g/pc	1
12455821001	63, PE 100, 45 degree, black	16	82	149	58	275 g/pc	1
12455921001	75, PE 100, 45 degree, black	16	97	165	62	437 g/pc	1
12456021001	90, PE 100, 45 degree, black	16	112	231	71	663 g/pc	1
12456121001	110, PE 100, 45 degree, black	16	143	257	72	980 g/pc	1
12332421001	125, PE 100, 45 degree, black	16	163	301	85	1.49 kg/pc	1
12456321001	160, PE 100, 45 degree, black	16	199	344	86	3.23 kg/pc	1

*1 Length L

SMARTFUSE elbow 90°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

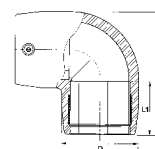
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



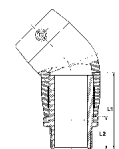
Mat.-no. °	Description	PN	D mm	L* ¹ mm	L1 mm	Weight	PG pc
90							
12456421001	20, PE 100, 90 degree, black	16	36	66	35	66 g/pc	1
12456521001	25, PE 100, 90 degree, black	16	36	66	35	128 g/pc	1
12456621001	32, PE 100, 90 degree, black	16	44	79	39	90 g/pc	1
12456721001	40, PE 100, 90 degree, black	16	56	93	44	145 g/pc	1
12456821001	50, PE 100, 90 degree, black	16	68	109	49	221 g/pc	1
12456921001	63, PE 100, 90 degree, black	16	82	132	58	333 g/pc	1
12457021001	75, PE 100, 90 degree, black	16	97	150	61	530 g/pc	1
12457121001	90, PE 100, 90 degree, black	16	112	203	71	800 g/pc	1
12457221001	110, PE 100, 90 degree, black	16	143	235	72	1 kg/pc	1
12332521001	125, PE 100, 90 degree, black	16	163	272	85	2.6 kg/pc	1
12457421001	160, PE 100, 90 degree, black	16	199	320	86	3.72 kg/pc	1

*1 Length L

SMARTFUSE male elbow adapter (brass) 45°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- external thread according DIN 2999 made of standard brass
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

Mat.-no. °	Description	PN	d2 mm	L* ¹ mm	L1 mm	L2 mm	AF	Weight g/pc	PG pc
45									
12460021001	32 - R 1, PE 100, 45 degree, black	16	23	129	76	34	40	349	1
12460121001	32 - R 1 1/4, PE 100, 45 degree, black	16	23	131	79	36	50	349	1
12460221001	32 - R 1 1/2, PE 100, 45 degree, black	16	23	131	79	36	55	349	1
12460321001	40 - R 1, PE 100, 45 degree, black	16	29	142	81	34	50	488	1
12460421001	40 - R 1 1/4, PE 100, 45 degree, black	16	29	144	83	36	50	488	1
12460521001	40 - R 1 1/2, PE 100, 45 degree, black	16	29	144	83	36	55	478	1
12460721001	50 - R 1, PE 100, 45 degree, black	16	38	158	86	34	55	446	1
12460821001	50 - R 1 1/4, PE 100, 45 degree, black	16	38	160	88	36	55	576	1
12460921001	50 - R 1 1/2, PE 100, 45 degree, black	16	38	160	88	36	55	576	1
12461121001	63 - R 1 1/4, PE 100, 45 degree, black	16	48	185	97	36	70	778	1
12461221001	63 - R 1 1/2, PE 100, 45 degree, black	16	48	185	97	36	70	778	1
12461321001	63 - R 2, PE 100, 45 degree, black	16	48	190	102	41	70	968	1
12466921001	75 - R 2, PE 100, 45 degree, black	16	59	206	106	41	85	968	1
12468121001	75 - R 2 1/2, PE 100, 45 degree, black	16	59	211	111	46	85	968	1

*¹ Length L

SMARTFUSE male elbow adapter (brass), 90°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- external thread according DIN 2999 made of standard brass
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

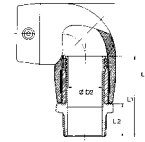
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



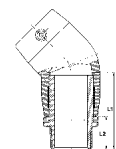
Mat.-no. °	Description	PN	d2 mm	L*1 mm	L1 mm	L2 mm	AF	Weight	PG pc
90									
12391101001	20 - R 1/2, PE 100, 90 degree, black	16	14	95	64	29	27	150 g/pc	1
12462221001	25 - R 3/4, PE 100, 90 degree, black	16	19	93	61	29	32	240 g/pc	1
12462321001	32 - R 1, PE 100, 90 degree, black	16	23	112	76	34	40	297 g/pc	1
12462421001	32 - R 1 1/4, PE 100, 90 degree, black	16	23	115	79	36	50	297 g/pc	1
12462521001	32 - R 1 1/2, PE 100, 90 degree, black	16	23	115	79	36	55	297 g/pc	1
12462621001	40 - R 1, PE 100, 90 degree, black	16	29	127	81	34	50	710 g/pc	1
12462721001	40 - R 1 1/4, PE 100, 90 degree, black	16	29	129	83	36	50	710 g/pc	1
12462821001	40 - R 1 1/2, PE 100, 90 degree, black	16	29	129	83	36	55	700 g/pc	1
12463021001	50 - R 1, PE 100, 90 degree, black	16	38	143	86	34	55	511 g/pc	1
12463121001	50 - R 1 1/4, PE 100, 90 degree, black	16	38	145	88	36	55	641 g/pc	1
12463221001	50 - R 1 1/2, PE 100, 90 degree, black	16	38	145	88	36	55	641 g/pc	1
12463421001	63 - R 1 1/4, PE 100, 90 degree, black	16	48	168	97	36	70	884 g/pc	1
12463521001	63 - R 1 1/2, PE 100, 90 degree, black	16	48	168	97	36	70	884 g/pc	1
12463621001	63 - R 2, PE 100, 90 degree, black	16	48	173	102	41	70	1.74 kg/pc	1
12439231001	75 - R 2, PE 100, 90 degree, black	16	59	191	106	41	85	1.74 kg/pc	1
12439331001	75 - R 2 1/2, PE 100, 90 degree, black	16	59	196	111	46	85	1.74 kg/pc	1

*1 Length L

SMARTFUSE male elbow adapter (PE 100) 45°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- external thread according DIN 2999 made of PE 100
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

Mat.-no. °	Description	PN	L* ¹ mm	L1 mm	L2 mm	AF	Weight g/pc	PG pc
45								
12451171001	32 - R 1, PE 100, 45 degree, black	16	141	74	35	41	349	1
12451271001	40 - R 1, PE 100, 45 degree, black	16	145	81	37	50	488	1
12451371001	40 - R 1 1/4, PE 100, 45 degree, black	16	148	83	40	50	488	1
12451471001	40 - R 1 1/2, PE 100, 45 degree, black	16	148	84	40	55	478	1
12451571001	50 - R 1 1/2, PE 100, 45 degree, black	16	164	89	40	55	576	1
12451671001	63 - R 1 1/2, PE 100, 45 degree, black	16	193	102	44	70	968	1
12451771001	63 - R 2, PE 100, 45 degree, black	16	197	106	48	70	968	1

*1 Length L

SMARTFUSE male elbow adapter (PE 100) 90°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- external thread according DIN 2999 made of PE 100
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

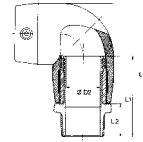
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



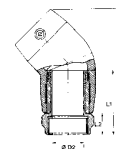
Mat.-no. °	Description	PN	L* ¹ mm	L1 mm	L2 mm	AF	Weight	PG pc
90								
12315761001	25 - R 3/4, PE 100, 90 degree, black	16	97	65	31	32	297 g/pc	1
12451871001	32 - R 1, PE 100, 90 degree, black	16	114	74	35	41	297 g/pc	1
12451971001	40 - R 1, PE 100, 90 degree, black	16	130	81	37	50	710 g/pc	1
12452071001	40 - R 1 1/4, PE 100, 90 degree, black	16	133	83	40	50	710 g/pc	1
12452171001	40 - R 1 1/2, PE 100, 90 degree, black	16	133	84	40	55	700 g/pc	1
12452271001	50 - R 1 1/2, PE 100, 90 degree, black	16	149	89	40	55	641 g/pc	1
12452371001	63 - R 1 1/2, PE 100, 90 degree, black	16	176	102	44	70	641 g/pc	1
12452471001	63 - R 2, PE 100, 90 degree, black	16	180	106	48	70	1.74 kg/pc	1

¹ Length L

SMARTFUSE female elbow adapter (brass)

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- internal thread according DIN 2999 made of standard brass
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

Mat.-no. °	Description	PN	d2 mm	L*1 mm	L1 mm	L2 mm	AF	Weight g/pc	PG pc
45									
12461421001	32 - Rp 1, PE 100, 45 degree, black	16	23	120	68	25	41	519	1
12461521001	40 - Rp 1, PE 100, 45 degree, black	16	29	133	72	25	50	436	1
12461621001	40 - Rp 1 1/4, PE 100, 45 degree, black	16	29	133	72	25	50	436	1
12461721001	40 - Rp 1 1/2, PE 100, 45 degree, black	16	29	133	72	25	55	428	1
12461821001	50 - Rp 1 1/2, PE 100, 45 degree, black	16	38	149	77	25	55	516	1
12461921001	50 - Rp 2, PE 100, 45 degree, black	16	38	154	82	30	70	516	1
12462121001	63 - Rp 2, PE 100, 45 degree, black	16	48	179	91	30	70	918	1

*1 Length L

SMARTFUSE female elbow adapter (brass) 90°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- internal thread according DIN 2999 made of standard brass
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

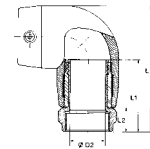
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no. °	Description	PN	d2 mm	L*1 mm	L1 mm	L2 mm	AF	Weight	PG pc
90									
12391201001	20 - Rp 1/2, PE 100, 90degree, black	16	14	86	55	20	27	125 g/pc	1
12463721001	25 - Rp 3/4, PE 100, 90 degree, black	16	19	89	61	23	32	240 g/pc	1
12463821001	32 - Rp 1, PE 100, 90 degree, black	16	23	104	68	25	40	467 g/pc	1
12463921001	40 - Rp 1, PE 100, 90 degree, black	16	29	119	72	25	50	660 g/pc	1
12464021001	40 - Rp 1 1/4, PE 100, 90 degree, black	16	29	119	72	25	50	660 g/pc	1
12464121001	40 - Rp 1 1/2, PE 100, 90 degree, black	16	29	119	72	25	55	660 g/pc	1
12464221001	50 - R 1 1/2, PE 100, 90 degree, black	16	38	135	77	25	55	581 g/pc	1
12464321001	50 - Rp 2, PE 100, 90 degree, black	16	38	139	82	30	70	516 g/pc	1
12464521001	63 - Rp 2, PE 100, 90 degree, black	16	48	162	91	30	70	1.24 kg/pc	1

*1 Length L

SMARTFUSE branche saddle

Application:

- electrofusion fittings
- to connect the outlet to the main pipeline, which is opened up by drilling

Properties:

- inner welding wire to weld the RAUPEX-pipes and PE 63, PE 80 und PE 100 pipes in SDR 11/17
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

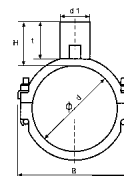
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVAL-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no.	Description	PN	d1 mm	D mm	b mm	t mm	H mm	Length mm	Weight g/pc	PG pc
12333021001	63 - 32, PE 100, black	16	32	63	103	51	61	118	380	1
12333121001	63 - 40, PE 100, black	16	40	63	103	66	77	118	400	1
12333221001	63 - 50, PE 100, black	16	50	63	103	81	91	118	430	1
12333321001	63 - 63, PE 100, black	16	63	63	103	83	97	118	461	1
12333421001	75 - 32, PE 100, black	16	32	75	117	51	61	118	420	1
12333521001	75 - 40, PE 100, black	16	40	75	117	66	77	118	440	1
12333621001	75 - 50, PE 100, black	16	50	75	117	81	91	118	470	1
12333721001	75 - 63, PE 100, black	16	63	75	117	83	97	118	520	1
12333821001	90 - 32, PE 100, black	16	32	90	124	51	61	118	490	1
12333921001	90 - 40, PE 100, black	16	40	90	124	66	78	118	510	1
12334021001	90 - 50, PE 100, black	16	50	90	124	81	91	118	540	1
12334121001	90 - 63, PE 100, black	16	63	90	124	83	97	118	573	1
12334221001	110 - 32, PE 100, black	16	32	110	145	51	61	118	552	1
12334321001	110 - 40, PE 100, black	16	40	110	145	66	78	118	572	1
12334421001	110 - 50, PE 100, black	16	50	110	145	81	91	118	620	1
12334521001	110 - 63, PE 100, black	16	63	110	145	83	97	118	635	1
12334621001	110 - 90, PE 100, black	16	90	110	180	104	114	118	954	1
12334721001	125 - 32, PE 100, black	16	32	125	162	51	61	118	599	1
12334821001	125 - 40, PE 100, black	16	40	125	162	68	78	118	619	1
12334921001	125 - 50, PE 100, black	16	50	125	162	83	93	118	649	1
12335021001	125 - 63, PE 100, black	16	63	125	162	87	97	118	683	1
12335121001	125 - 90, PE 100, black	16	90	125	167	90	107	118	961	1
12335221001	160 - 32, PE 100, black	16	32	160	178	51	61	118	780	1
12335321001	160 - 40, PE 100, black	16	40	160	178	66	78	118	728	1
12335421001	160 - 50, PE 100, black	16	50	160	178	81	91	118	758	1

Mat.-no.	Description	PN	d1 mm	D mm	b mm	t mm	H mm	Length mm	Weight g/pc	PG pc
12335521001	160 - 63, PE 100, black	16	63	160	178	83	97	118	787	1
12335621001	160 - 90, PE 100, black	16	90	160	236	90	100	118	966	1

SMARTFUSE threaded clamp

Application:

- electrofusion fittings
- to connect the outlet to the main pipeline, which is opened up by drilling

Properties:

- inner welding wire to weld the RAUPEX-pipes and PE 63, PE 80 und PE 100 pipes in SDR 11/17
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology
- Brass female thread

Material:

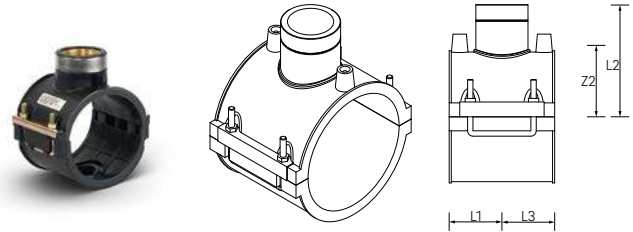
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVAL-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no.	Description	L1 mm	L2 mm	Weight kg/pc	PG pc
14848011001	63 - Rp 1 1/4, PE 100, black	59	84.9	0.61	1
12099711001	75 - Rp 1 1/4, PE 100, black	59	90.5	0.66	1
14848031001	90 - Rp 1 1/2, PE 100, black	59	98	0.93	1
14848091001	90 - Rp 2, PE 100, black	59	98	1.44	1
14848041001	110 - Rp 1 1/2, PE 100, black	59	108	1	1
14848101001	110 - Rp 2, PE 100, black	59	108	1.5	1
14848051001	125 - Rp 1 1/2, PE 100, black	59	132	1.05	1
14848111001	125 - Rp 2, PE 100, black	59	132	1.51	1
14848071001	160 - Rp 1 1/2, PE 100, black	59	151	1.16	1
14848131001	160 - Rp 2, PE 100, black	59	151	1.54	1

SMARTFUSE tapping saddle

Application:

- electrofusion fittings
- to connect the outlet to the main pipeline, the main pipeline could be under pressure

Properties:

- inner welding wire to weld the RAUPEX-pipes and PE 63, PE 80 und PE 100 pipes in SDR 11/17
- UV stabilized
- Attention: not silicone-free
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

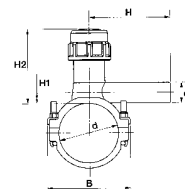
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVAL-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no.	Description	PN	d1	D	b	h1	h2	H	Ø _{drill} ^{*1}	Weight	PG
			mm	mm	mm	mm	mm	mm	mm		pc
12453871001	40 - 20, PE 100, black	16	20	40	66	7	94	105	20	350 g/pc	1
12464621001	40 - 32, PE 100, black	16	32	40	66	12	94	120	20	370 g/pc	1
12453971001	50 - 20, PE 100, black	16	20	50	76	7	69	110	20	390 g/pc	1
12891541001	50 - 25, PE 100, black	16	25	50	76	10	98	115	20	365 g/pc	1
12464721001	50 - 32, PE 100, black	16	32	50	76	12	98	120	20	410 g/pc	1
12454071001	63 - 20, PE 100, black	16	20	63	92	7	69	116	20	436 g/pc	1
12891551001	63 - 25, PE 100, black	16	25	63	92	10	98	120	20	435 g/pc	1
12464821001	63 - 32, PE 100, black	16	32	63	92	12	98	125	20	455 g/pc	1
12464921001	63 - 40, PE 100, black	16	40	63	103	65	177	148	30	1.7 kg/pc	1
12465021001	63 - 50, PE 100, black	16	50	63	103	65	177	141	30	1.85 kg/pc	1
12465121001	63 - 63, PE 100, black	16	63	63	103	65	177	178	30	1.1 kg/pc	1
12465221001	75 - 32, PE 100, black	16	32	75	117	65	177	127	30	1.12 kg/pc	1
12465321001	75 - 40, PE 100, black	16	40	75	117	65	177	148	30	1.13 kg/pc	1
12465421001	75 - 50, PE 100, black	16	50	75	117	65	177	141	30	1.14 kg/pc	1
12465521001	75 - 63, PE 100, black	16	63	75	117	65	177	178	30	1.15 kg/pc	1
12891561001	90 - 25, PE 100, black	16	25	90	124	15	116	120	25	900 g/pc	1
12465621001	90 - 32, PE 100, black	16	32	90	124	18	116	125	25	1.12 kg/pc	1
12465721001	90 - 40, PE 100, black	16	40	90	124	21	116	133	25	1.13 kg/pc	1
12465821001	90 - 50, PE 100, black	16	50	90	124	65	177	141	30	1.21 kg/pc	1
12465921001	90 - 63, PE 100, black	16	63	90	124	65	177	141	30	1.27 kg/pc	1
12466021001	110 - 32, PE 100, black	16	32	110	145	18	116	127	25	1.17 kg/pc	1
12466121001	110 - 40, PE 100, black	16	40	110	145	21	116	137	25	1.19 kg/pc	1
12466221001	110 - 50, PE 100, black	16	50	110	145	65	177	141	30	1.21 kg/pc	1

*1 diameter drill Ø_{drill}

Mat.-no.	Description	PN	d1 mm	D mm	b mm	h1 mm	h2 mm	H mm	Ø _{drill} ^{*1} mm	Weight kg/pc	PG pc
12466321001	110 - 63, PE 100, black	16	63	110	145	65	177	178	30	1.22 kg/pc	1
12332621001	125 - 32, PE 100, black	16	32	125	162	18	116	130	25	1.23 kg/pc	1
12332721001	125 - 40, PE 100, black	16	40	125	162	21	116	140	25	1.28 kg/pc	1
12332821001	125 - 50, PE 100, black	16	50	125	162	65	177	141	30	1.29 kg/pc	1
12332921001	125 - 63, PE 100, black	16	63	125	162	65	177	178	30	1.31 kg/pc	1
12466421001	160 - 32, PE 100, black	16	32	160	199	18	137	143	30	1.345 kg/pc	1
12466521001	160 - 40, PE 100, black	16	40	160	199	21	137	156	30	1.36 kg/pc	1
12466621001	160 - 50, PE 100, black	16	50	160	199	25	137	169	30	1.375 kg/pc	1
12466721001	160 - 63, PE 100, black	16	63	160	199	20	137	195	30	1.39 kg/pc	1

*1 diameter drill Ø_{drill}

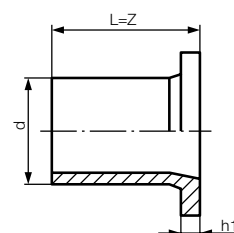
Strub flange SDR 11

Application:
for flange connections in connection with loose-type
flange and ESM socket made of PE

Properties:
UV stabilized

Material:
Polyethylene 100 (PE)

Colour:
Black



Mat.-no.	Description	PN	SDR	t ₁ mm	L ^{*1} mm	Weight g/pc	PG pc
12471321001	32, PE 100, black	16	11	10	85	56 g/pc	1
12471421001	40, PE 100, black	16	11	11	85	84 g/pc	1
12471521001	50, PE 100, black	16	11	12	104	132 g/pc	1
12471621001	63, PE 100, black	16	11	14	115	212 g/pc	1
12471721001	75, PE 100, black	16	11	16	130	322 g/pc	1
12471821001	90, PE 100, black	16	17	17	140	475 g/pc	1
12471921001	110, PE 100, black	16	17	18	140	747 g/pc	1
12335921001	125, PE 100, black	16	17	25	180	945 g/pc	1
12472021001	160, PE 100, black	16	17	25	180	1.61 kg/pc	1

*1 Length L

Loose flange

Application:

for stub flange according DIN 16962/63, part 4, PN 16

Properties:

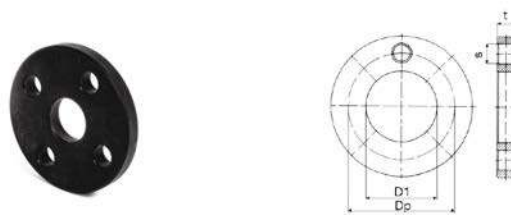
- hole pattern according DIN 2501, DN 50 to DN 150 = PN 10/16, from DN 200 = PN 10
- UV stabilized

Material:

PP glass fibre reinforced, with metal inlay

Colour:

Black



Mat.-no.	Description	PN	d1 mm	t mm	d _p mm	Weight	PG pc
12467221001	32 / DN 25	16	42	16	85	471 g/pc	1
12467321001	40 / DN 32	16	51	16	100	696 g/pc	1
12467421001	50 / DN 40	16	62	18	110	700 g/pc	1
12467521001	63 / DN 50	16	78	18	125	895 g/pc	1
12467621001	75 / DN 65	16	92	18	145	1.18 kg/pc	1
12467821001	90 / DN 80	16	108	20	160	1.34 kg/pc	1
12467921001	110 / DN 100	16	128	20	180	1.66 kg/pc	1
12335821001	125 / DN 100	16	135	20	180	1.47 kg/pc	1
12468221001	160 / DN 150	16	178	24	240	3.66 kg/pc	1

Gasket NBR

Application:

profile sealing with metal inlay according EN 1514-1 made of NBR

Properties:

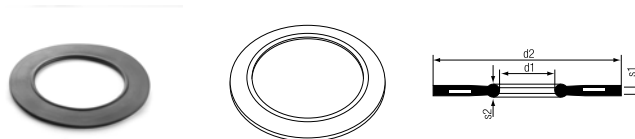
- suitable for PE-PE-, PE-ST- and PE-GGG-flange connections
- temperature range: -20 °C to +70 °C

Material:

NBR with metal inlay

Colour:

Black



Mat.-no.	Description	PN	d1 mm	d2 mm	S ₁ mm	S ₂ mm	Weight g/pc	PG pc
12891161001	32/ DN 25, NBR, PN 10 - 40, black	10-40	34	71	3	4	20	1
12891171001	40/ DN 32, NBR, PN 10 - 40, black	10-40	43	82	3	4	25	1
12891181001	50/ DN 40, NBR, PN 10 - 40, black	10-40	49	92	3	4	32	1
12891211001	63/ DN 50, NBR, PN 10 - 40, black	10-40	61	107	4	5	40	1
12891231001	75/ DN 65, NBR, PN 10 - 40, black	10-40	77	127	4	5	51	1
12891241001	90/ DN 80, NBR, PN 10 - 40, black	10-40	89	142	4	5	60	1
12891251001	110/ DN 100, NBR, PN 10 - 16, black	10-16	115	162	5	6	81	1
12891261001	125/ DN 100, NBR, PN 10 - 16, black	10-16	115	162	5	6	90	1
12891271001	160/ DN 150, NBR, PN 10 - 16, black	10-16	169	218	5	6	140	1

PE ball valve

Application:

moulded part to weld with electrofusion fittings made of PE

Properties:

- Attention: not silicone-free
- UV stabilized
- pressure: PN 16 (SDR 11)

Material:

- Polyethylene 100 (PE)
- Seal made of nitrile rubber (NBR)
- Ball: Polyoxymethylen (POM)

Colour:

Black

Note:

the hand lever (13470841001) is required to operate the square spigot



Mat.-no.	Description	Weight kg/pc	PG pc
14848211001	32 - 32, PE 100, black	0.7	1
14848221001	40 - 40, PE 100, black	0.6	1
14848231001	50 - 50, PE 100, black	1.1	1
14848241001	63 - 63, PE 100, black	1.3	1
12144521001	90 - 90, PE 100, black	3.7	1
12144531001	110 - 110, PE 100, black	8.4	1
14848271001	125 - 125, PE 100, schwarz	8.4	1
14848281001	160 - 160, PE 100, black	13	1

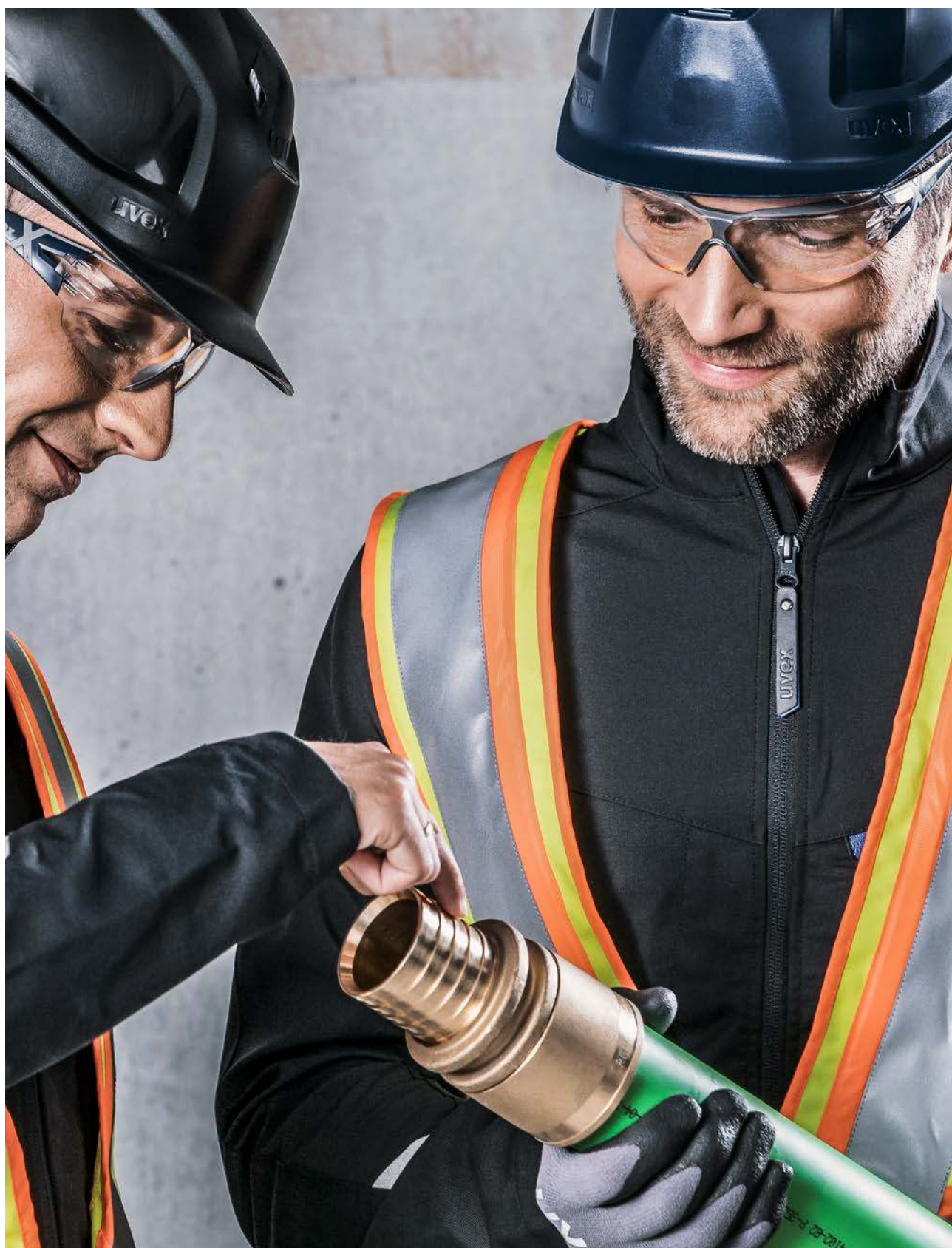
Hand lever for PE ball valve

Application:

Hand lever for PE ball valve SDR 11, for operating the 20 mm square spigot



Mat.-no.	Description	Weight g/pc	PG pc
13470841001	for SMARTFUSE PE-Ball Valve SDR 11	780	1



05 RAUPEX SDR 7.4

Pipe and compression-sleeve fitting technology

05.01 RAUPEX SDR 7.4

RAUPEX-A SDR 7.4 grey

Application:

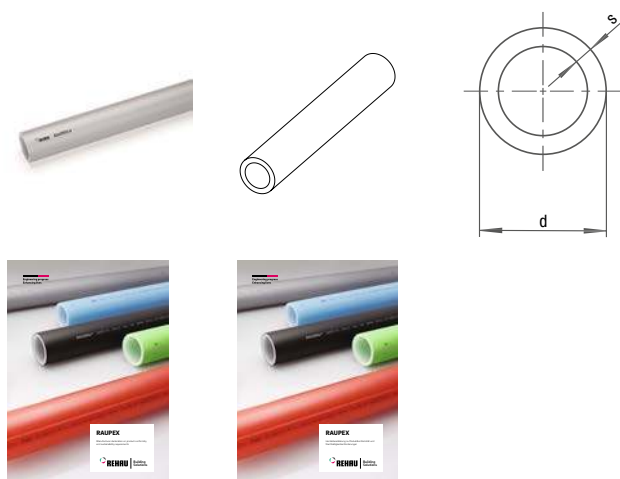
for use as industrial pipe for compressed air and other medium

Material:

crosslinked polyethylene (RAU-PE-Xa) according DIN 16892/93, with a coat made of RAU-PE similar to RAL 7001 silver grey following DIN 2403

Colour:

silver grey (RAL 7001)



Mat.-no.	Description	d mm	s mm	V*1 l/m	Weight	PG m
11363921005*2	20 x 2.8, grau, bar 5 m	20	2.8	0.163	154.5 g/m	50
11363621005*2	25 x 3.5, grau, bar 5 m	25	3.5	0.254	237.6 g/m	25
11363421005	32 x 4.4, grau, bar 5 m	32	4.4	0.423	378.4 g/m	25
11363821005*2	40 x 5.5, grau, bar 5 m	40	5.5	0.661	592 g/m	10
11363721005	50 x 6.9, grau, bar 5 m	50	6.9	1.029	921.74 g/m	5
11363521005	63 x 8.6, grau, bar 5 m	63	8.6	1.647	1.442 kg/m	5

*1 Volume V

*2 Minimum order quantity and delivery time on request

RAUPEX-K SDR 7.4, green

Application:

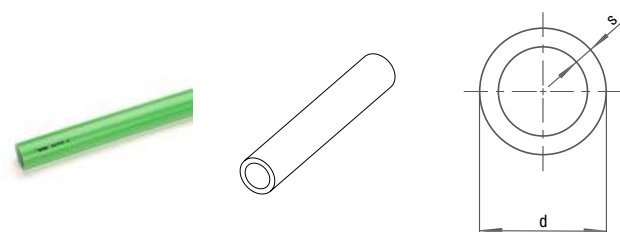
For use as industrial pipe for cooling water and other medium

Material:

crosslinked polyethylene (RAU-PE-Xa) according DIN 16892/93, UV stabilized, with a coat made of RAU-PE in color RAL 6018 in conformity with DIN 2403

Colour:

yellow green (RAL 6018)



Mat.-no.	Description	d mm	s mm	V*1 l/m	Weight	PG m
11040611005*2	20 x 2.8, green, bar 5 m	20	2.8	0.163	161.6 g/m	50
11040711005*2	25 x 3.5, green, bar 5 m	25	3.5	0.254	264.5 g/m	25
11040811005	32 x 4.4, green, bar 5 m	32	4.4	0.423	378.4 g/m	25
11040911005*2	40 x 5.5, green, bar 5 m	40	5.5	0.661	596 g/m	10
11041011005	50 x 6.9, green, bar 5 m	50	6.9	1.029	921.7 g/m	5
11041111005	63 x 8.6, green, bar 5 m	63	8.6	1.647	1.452 kg/m	5

*1 Volume V

*2 Minimum order quantity and delivery time on request

Pipe clip without clamp

Application:

For fastening the RAUPEX pipes

Properties:

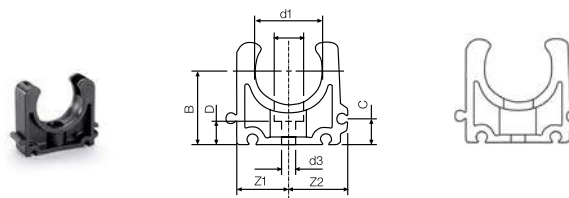
- combinable with spacers
- usable for medium temperature and ambient temperature up to 60 °C

Material:

Polypropylene (PP)

Colour:

Black



Mat.-no.	Description	D ₂ mm	d ₃ mm	b mm	c mm	d mm	z ₁ mm	z ₂ mm	Weight g/pc	PG pc
12436331001	20 without clamp	10	6	25	10	6	17	19	7	10
12436431001	25 without clamp	10	6	28	10	6	19	22	8	10
12436531001	32 without clamp	15	6	31	10	6	24	27	11	10

Pipe clip with clamp

Application:

For fastening the RAUPEX pipes

Properties:

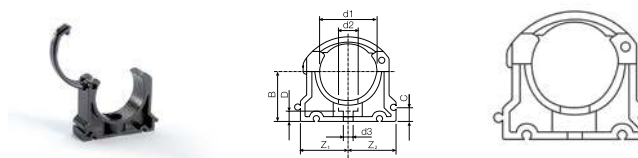
- combinable with spacers
- usable for medium temperature and ambient temperature up to 60 °C

Material:

Polypropylene (PP)

Colour:

Black



Mat.-no.	Description	D ₂ mm	d ₃ mm	b mm	c mm	d mm	z ₁ mm	z ₂ mm	Weight g/pc	PG pc
12436631001	40 with clamp	14	7	35	10	7	34	34	25	10
12436731001	50 with clamp	14	7	40	10	7	37	37	28	10
12436831001	63 with clamp	17	9	52	10	10	45	45	45	10

Spacer**Application:**

for use in combination with pipe clips (with or without clamp) to increase distance between clips and the wall or floor

Properties:

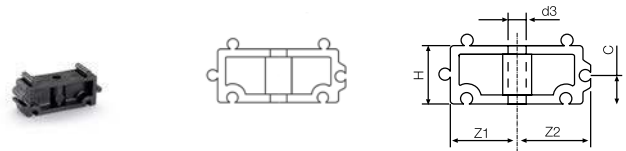
- installation height: 20 mm
- usable for medium temperature and ambient temperature up to 60 °C

Material:

Polypropylene (PP)

Colour:

Black



Mat.-no.	Description	d ₃ mm	c mm	z ₁ mm	z ₂ mm	H mm	Weight g/pc	PG pc
12437731001* ¹	20	6	10	17	19	20	6	10
12437831001* ¹	25	6	10	19	22	20	7	10
12437931001	32	6	10	24	27	20	8	10
12438031001	40	7	10	34	34	20	16	10
12438131001* ¹	50	7	10	37	37	20	17	10
12438231001* ¹	63	9	10	45	45	20	25	10

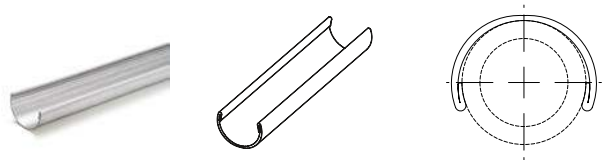
*¹ Minimum order quantity and delivery time on request

Supporting channel**Application:**

to support or fix free layed RAUPEX/RAUTHERM pipes with dimension 20 to 160

Material:

sandzimir galvanized steel



Mat.-no.	Description	dimension mm	Length m	Weight kg/pc	PG pc
12434831002	20 appropriate for 5 m pipe-bar	20	4.895	1.52	10
12434931002	25 appropriate for 5 m pipe-bar	25	4.895	2.32	10
12435031002	32 appropriate for 5 m pipe-bar	32	4.885	2.826	10
12435131002	40 appropriate for 5 m pipe-bar	40	4.875	4.48	5
12435231002	50 appropriate for 5 m pipe-bar	50	4.865	5.44	5
12435331002	63 appropriate for 5 m pipe-bar	63	4.85	6.4	5

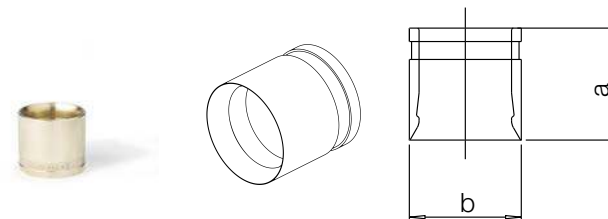
05.02 compression sleeve connections, SDR 7.4**Compression sleeve RAUTITAN (SDR 7,4)**

Application:

- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for industrial pipes RAUTHERMEX strong, RAUTHERMEX SDR 7.4, INSULPEX SDR 7.4
- for industrial pipes RAUPEX SDR 7.4

Material:

standard brass according to EN 12164, EN 12165,
EN 12168



Mat.-no.	Description	Type	a mm	b mm	Weight	PG pc
12596151002	20	LX	25	25	28 g/pc	100
12596251402	25	LX	29	30	46 g/pc	100
11371661001	32	LX	34	39	96 g/pc	25
11372961001	40	LX	37	49	162 g/pc	25
11397711002	50	LX	44	61	0.293 kg/pc	25
11397811002	63	LX	53	74	0.439 kg/pc	25

REHAU coupling, SDR 7,4

Application:

- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex, RAUTITAN gas stabil
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

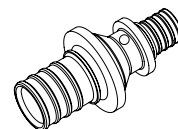
Brass according to EN 12164, EN 12165, EN 12168

Colour:

- brass
- marking fitting yellow dot

Note:

for using in drinking water installations, the respective local water quality must be taken into account



Mat.-no.	Description	Type	a mm	z mm	Weight kg/pc	PG pc
equal						
13129701001	20 - 20	LX +G	53	20	0.058	10
13129711001	25 - 25	LX +G	68	22	0.112	10
13129731001	32 - 32	LX +G	80	26	0.184	10
13129721001	40 - 40	LX +G	90	26	0.38	1
reduced						
13129771001	25 - 20	LX +G	67	27	0.1	10
13129781001	32 - 25	LX +G	83	33	0.164	10
13129811001	40 - 25	LX +G	88	33	0.27	5
13129801001	40 - 32	LX +G	91	32	0.27	5

Coupling SDR 7.4 LX

Application:

- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

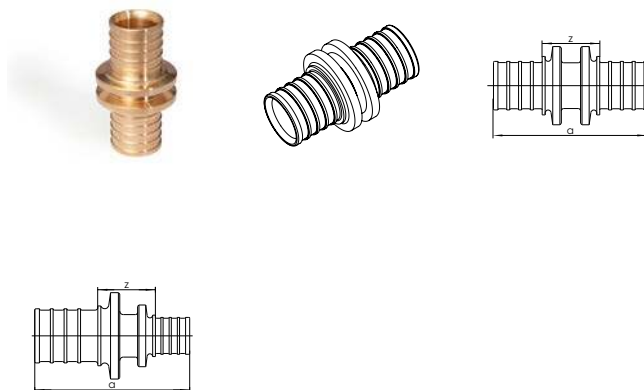
Brass according to EN 12164, EN 12165, EN 12168

Colour:

brass

Note:

for using in drinking water installations, the respective local water quality must be taken into account



Mat.-no.	Description	Type	a mm	z mm	Weight kg/pc	PG pc
equal						
11680201001	50 - 50	LX	104	26	0.59	1
11680221001	63 - 63	LX	127	35	0.98	1
reduced						
11680181001	50 - 32	LX	94	28	0.398	5
11680191001	50 - 40	LX	98	27	0.46	1
11680211001	63 - 50	LX	115	30	0.805	1

2-manifold 90°, with internal thread

Application:

to supply the mass flow to two outlets with simultaneous change of direction of 90°

Properties:

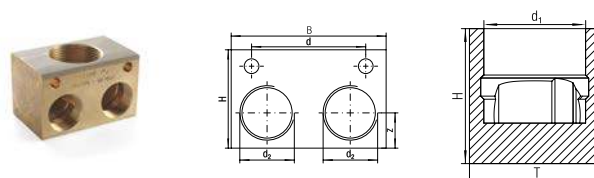
outlets with Rp internal thread

Material:

Brass

Colour:

brass



Mat.-no.	Description	a mm	d mm	z mm	Width B mm	Depth mm	Height mm	Weight kg/pc	PG pc
13045731001	Rp 1 1/2 - Rp 1, 90 degree	51	70	22	95	60	60	1.6	1
11691811001	Rp 2 - Rp 1 1/4, 90 degree	68	90	30	120	78	78	3.65	1

Adapter with conus 60°, SDR 7,4

Application:

- for industrial pipes RAUPEX SDR 7.4
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4

Properties:

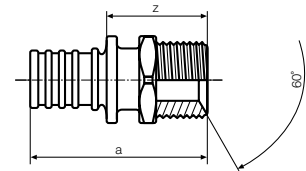
outlet with external thread with 60° conus

Material:

Brass

Colour:

brass



Mat.-no.	Description	z mm	L*1 mm	Weight g/pc	PG pc
12446661001	32 - G 1/2, 60 degree	31	63	130	10

*1 Length L

Adapter, with Cu-pipe LX +G

Application:

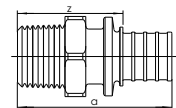
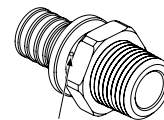
- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex, RAUTITAN gas stabil
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

Brass according to EN 12164, EN 12165, EN 12168

Colour:

- brass
- marking fitting yellow dot



Mat.-no.	Description	Type	a mm	z mm	Weight kg/pc	PG pc
13129941001	20 - R 1/2	LX +G	49	33	0.07	10
13129951001	20 - R 3/4	LX +G	51	34	0.073	10
13129961001	25 - R 1/2	LX +G	59	36	0.089	10
13129971001	25 - R 3/4	LX +G	59	36	0.105	10
13129981001	25 - R 1	LX +G	61	38	0.17	10
13129991001	32 - R 3/4	LX +G	66	43	0.154	10
13130581001	32 - R 1	LX +G	67	40	0.198	10
13130601001	40 - R 1 1/4	LX +G	78	46	0.358	5

Adapter, with external thread SDR 7.4 LX

Application:

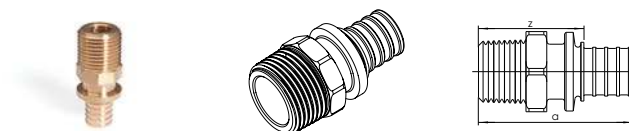
- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

Brass according to EN 12164, EN 12165, EN 12168

Colour:

brass



Mat.-no.	Description	Type	a mm	z mm	AF*1	Weight kg/pc	PG pc
11681111001*2	50 - R 1 1/2	LX	89	50	41	0.516	1
11681131001*2	63 - R 2	LX	105	59	55	0.831	1

*1 Wrench width AF

*2 Not suitable for RAUTITAN stabil pipe

Adapter with internal thread, SDR 7,4

Application:

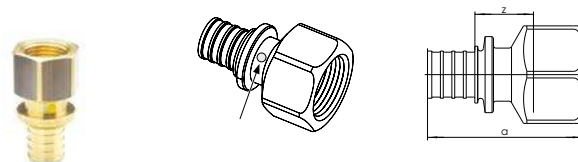
- for industrial pipes RAUPEX SDR 7.4
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex, RAUTITAN gas stabil

Material:

Brass

Colour:

- brass
- marking fitting yellow dot



Mat.-no.	Description	Type	a mm	z mm	AF	Weight	PG pc
13130641001	20 - Rp 1/2	LX +G	48	17	27	0.076 kg/pc	10
13130651001	20 - Rp 3/4	LX +G	51	18	34	0.106 kg/pc	10
13130661001	25 - Rp 3/4	LX +G	58	18	34	0.134 kg/pc	10
13130851001	25 - Rp 1	LX +G	62	20	41	191 g/pc	10
13130671001	32 - Rp 3/4	LX +G	62	19	34	0.168 kg/pc	10
13130681001	32 - Rp 1	LX +G	66	20	41	0.218 kg/pc	10
13130691001	40 - Rp 1 1/4	LX +G	75	30	50	0.384 kg/pc	5

Adapter, with union nut, SDR 7.4 LX (flat sealing)

Application:

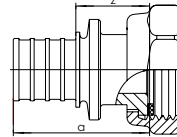
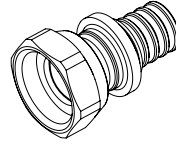
- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

Brass according to EN 12164, EN 12165, EN 12168

Colour:

brass



Mat.-no.	Description	a mm	z mm	AF*1	Weight kg/pc	PG pc
11680891001	20 - G 3/4	39	22	30	0.085	10
11680961001	25 - G 3/4	52	29	30	0.115	10
11681031001	32 - G 1	55	28	38	0.16	10

*1 Wrench width AF

Adapter with welding end, SDR 7,4

Application:

- for pipes RAUTHERMEX strong, INSULPEX SDR 7.4
- for industrial pipes RAUPEX SDR 7.4
- for welding with a corresponding steel pipe

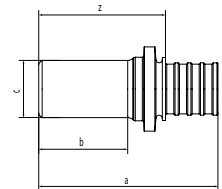
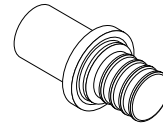
Properties:

compression sleeve fitting with integral support body

Colour:

steel P355N

Note:

Unsuitable for drinking water!

Mat.-no.	Description	a mm	b mm	c mm	z mm	Weight g/pc	PG pc
12893491001	25 x 3.5 - 26 x 2.9	50	19	26.9	27	80	10
12677011001	32 x 4.4 - 33.7 x 2.6	60	26	33.7	33	160	3
12677111001	40 x 5.5 - 42.4 x 2.6	70	29	42.4	38	280	5
13158271001	50 x 6.9 - 48.3 x 2.6	80	32	48.3	41	340	2
13158281001	63 x 8.6 - 60.3 x 2.9	90	32	60.3	45	540	1

T-piece RAUTITAN LX +G

Application:

- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex, RAUTITAN gas stabil
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

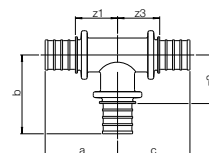
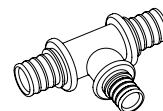
Brass according to EN 12165

Colour:

- brass
- marking fitting yellow dot

Note:

for using in drinking water installations, the respective local water quality must be taken into account



Mat.-no.	Description	Type	a mm	b mm	c mm	z ₁ mm	z ₂ mm	z ₃ mm	Z1 mm	Weight kg/pc	PG pc
equal											
13129491001	20 - 20 - 20	LX +G	40	44	40	24	27	24	24	0.13	10
13129511001	25 - 25 - 25	LX +G	52	54	52	29	31	29	29	0.217	10
13129521001	32 - 32 - 32	LX +G	58	65	58	31	38	31	31	0.39	3
13129531001	40 - 40 - 40	LX +G	66	77	66	34	45	34	34	0.8	1
reduced centre											
13129581001	25 - 20 - 25	LX +G	48	47	48	25	30	25	25	0.19	10
13129601001	32 - 25 - 32	LX +G	56	58	56	29	31	29	29	0.34	3
reduced end											
13129641001	25 - 25 - 20	LX +G	52	54	44	29	31	28	29	0.218	10
reduced centre and end											
13129651001	25 - 20 - 20	LX +G	48	47	41	25	30	25	25	0.178	10
13129661001	32 - 25 - 25	LX +G	56	58	53	29	35	30	29	0.299	3

T-piece RAUTITAN LX (SDR 7,4)

Application:

- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

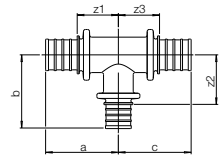
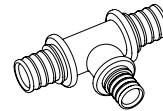
Brass according to EN 12165

Colour:

brass

Note:

for using in drinking water installations, the respective local water quality must be taken into account



Mat.-no.	Description	Type	a mm	b mm	c mm	z ₁ mm	z ₂ mm	z ₃ mm	Z1 mm	Weight kg/pc	PG pc
equal											
11680751001	50 - 50 - 50	LX	79	87	79	38	38	48	38	1.19	1
11680811001	63 - 63 - 63	LX	98	108	98	48	48	62	48	2.2	1
reduced centre											
11680541001	32 - 20 - 32	LX	54	50	54	27	33	27	27	0.29	3
11680651001	40 - 25 - 40	LX	61	63	61	29	40	29	29	0.642	1
11680671001	40 - 32 - 40	LX	63	71	63	32	44	32	32	0.646	1
11680711001	50 - 25 - 50	LX	67	72	67	28	49	28	28	0.805	1
11680731001	50 - 32 - 50	LX	69	76	62	30	49	30	30	0.84	1
11680741001	50 - 40 - 50	LX	71	76	71	32	49	32	32	1.036	1
11680781001	63 - 32 - 63	LX	81	82	81	35	35	55	35	1.45	1
11680801001	63 - 50 - 63	LX	88	94	88	42	55	42	42	1.645	1
reduced end											
11680591001	32 - 32 - 25	LX	58	63	58	31	35	36	31	0.356	3
reduced centre and end											
11680661001	40 - 32 - 40	LX	64	71	60	32	33	44	32	0.526	
11680721001	50 - 32 - 40	LX	69	76	62	30	30	49	30	0.88	1
extended centre											
11680391001	20 - 25 - 20	LX	44	52	44	28	29	28	28	0.173	10

T-piece outlet, SDR 7,4

Application:

- for industrial pipes RAUPEX SDR 7.4
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4

Properties:

- outlet above transit zone
- realisation of steps above parallel mounted pipes

Material:

Brass LX or red brass RX

Colour:

Brass and red brass



Mat.-no. °	Description	Type	a mm	b mm	c mm	h1 mm	h2 mm	Weight g/pc	PG pc
90									
12093471002	32 - 32 - 32	RX	63	65	63	55	90	580	4

T-piece RAUTITAN LX, outlet with internal thread

Application:

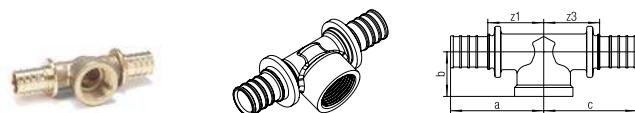
- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

Brass according to EN 12165

Colour:

brass



Mat.-no.	Description	Type	a mm	b mm	c mm	z ₁ mm	z ₃ mm	Z1 mm	Weight kg/pc	PG pc
11680631001	32 - Rp 3/4 - 32	LX	60	29	60	33	33	33	0.337	3

T-piece RAUTITAN LX +G, outlet with internal thread

Application:

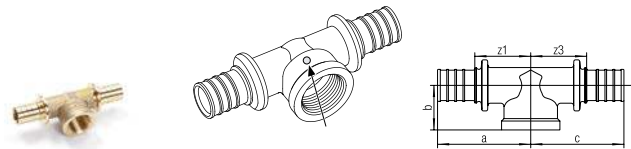
- for industrial pipes RAUPEX SDR 7.4
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex, RAUTITAN gas stabil

Material:

Brass according to EN 12165

Colour:

- brass
- marking fitting yellow dot



Mat.-no.	Description	Type	a mm	b mm	c mm	z ₁ mm	z ₃ mm	Z1 mm	Weight kg/pc	PG pc
13129671001	25 - Rp 3/4 - 25	LX +G	54	27	54	31	31	31	0.242	10
13129681001	32 - Rp 1 - 32	LX +G	64	34	64	37	37	37	0.44	3

T-piece outlet with conus 60°, SDR 7,4

Application:

- for industrial pipes RAUPEX SDR 7.4
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4

Properties:

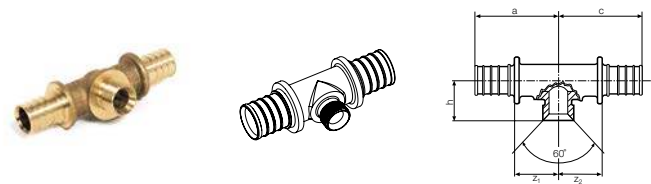
outlet with external thread with 60° conus

Material:

Brass

Colour:

brass



Mat.-no.	Description	Type	a mm	b mm	c mm	z ₁ mm	z ₃ mm	Weight g/pc	PG pc
12446161001	32 - G 3/4 - 32, 60 degree	LX	63	51	63	31	31	345	3

Elbow RAUTITAN LX SDR 7.4 45°

Application:

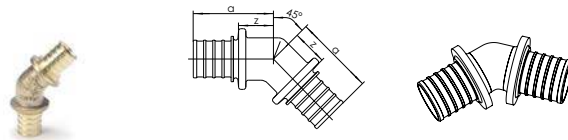
- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

Brass according to EN 12165

Colour:

brass



Mat.-no.	Description	Angle °	Type	a mm	z mm	Weight kg/pc	PG pc
11681481001	63 - 63 , 45 degree	45	LX	54	27	0.26	3
11681521001	50 - 50, 45 degree	45	LX	67	28	0.72	1
11681541001	63 - 63, 45 degree	45	LX	80	34	1.27	1

Elbow RAUTITAN LX +G, SDR 7.4, 90°

Application:

- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex, RAUTITAN gas stabil
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

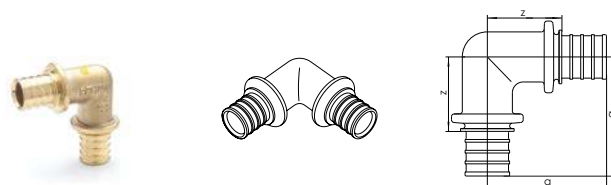
Brass according to EN 12165

Colour:

- brass
- marking fitting yellow dot

Note:

for using in drinking water installations, the respective local water quality must be taken into account



Mat.-no.	Description	Angle °	Type	a mm	z mm	Weight kg/pc	PG pc
13129861001	20 - 20, 90 degree	90	LX +G	38	25	0.1	10
13129871001	25 - 25, 90 degree	90	LX +G	55	32	0.16	10
13129881001	32 - 32, 90 degree	90	LX +G	66	39	0.31	3
13129891001	40 - 40, 90 degree	90	LX +G	74	42	0.59	1

REHAU elbow, SDR 7.4, 90°

Application:

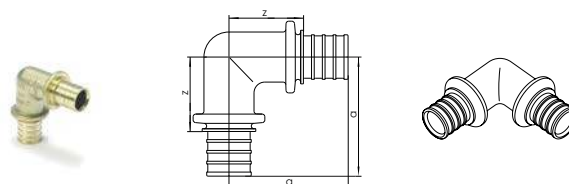
- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

Brass according to EN 12165

Colour:

brass



Mat.-no.	Description	Angle °	Type	a mm	z mm	Weight kg/pc	PG pc
11681531001	50 - 50, 90 degree	90	LX	87	48	0.96	1
11681551001	63 - 63, 90 degree	90	LX	106	60	1.4	1

Elbow adapter with external thread, SDR 7.4 LX

Application:

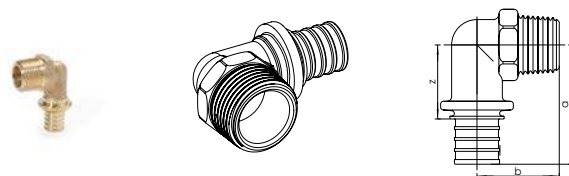
- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

Brass according to EN 12165

Colour:

brass



Mat.-no.	Description	Type	a mm	b mm	z mm	AF*1	Weight kg/pc	PG pc
11681621001	20 - R 1/2	LX	40	28	24	21	0.095	10
11681631001	20 - R 3/4	LX	43	30	27	27	0.124	10

*1 Wrench width AF

Elbow adapter, with external thread, LX +G (SDR 7.4)

Application:

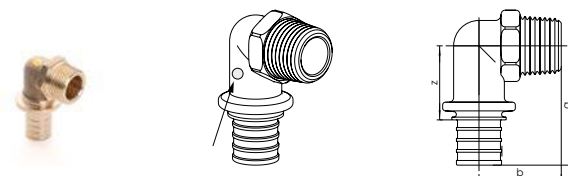
- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex, RAUTITAN gas stabil
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

Brass according to EN 12165

Colour:

- brass
- marking fitting yellow dot



Mat.-no.	Description	Type	a mm	b mm	z mm	Weight kg/pc	PG pc
13130701001	25 - R 3/4	LX +G	52	38	29	0.161	10
13130711001	32 - R 1	LX +G	60	43	33	0.27	3

Elbow adapter with internal thread, SDR 7.4 LX

Application:

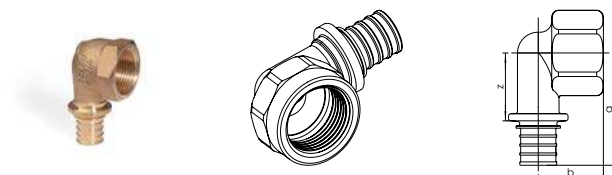
- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

Brass according to EN 12165

Colour:

brass



Mat.-no.	Description	Type	a mm	b mm	z mm	AF*1	Weight kg/pc	PG pc
11681581001	20 - Rp 1/2	LX	47	26	30	27	0.098	10
11681591001	20 - Rp 3/4	LX	47	27	30	34	0.135	10
11681601001	25 - Rp 1	LX	58	33	35	41	0.228	10

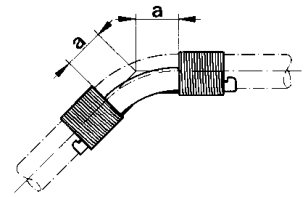
*1 Wrench width AF

Pipe bend former sanitary, 45°

Properties:
consisting of elbow plate and 2 clamping sleeve

Material:
galvanized steel

Note:
do not use REHAU pipe elbows sanitary for heating installation



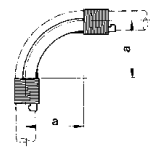
Mat.-no.	Description	Angle °	a mm	Weight g/pc	PG pc
11391311002	20, 45 degree	45	25	45	10
11389111002	25, 45 degree	45	31	120	10
11389211002	32, 45 degree	45	40	210	5

Pipe bend former sanitary, 90°

Properties:
consisting of elbow plate and 2 clamping sleeve

Material:
galvanized steel

Note:
do not use REHAU pipe elbows sanitary for heating installation



Mat.-no.	Description	Angle °	a mm	Weight g/pc	PG pc
11388911002	20, 90 degree	90	60	60	10
11383511002	25, 90 degree	90	75	150	10
11386411002	32, 90 degree	90	128	310	5

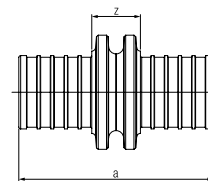
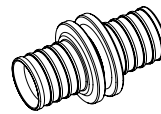
05.03 compression sleeve connections made of red brass, SDR 7.4**Coupling RAUTITAN RX+**

Application:

- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

lead-free gunmetal (CC470K)



Mat.-no.	Description	Type	a mm	z mm	Weight	PG pc
equal						
14564401001	20 - 20	RX+	53	20	0.065 kg/pc	10
14564411001	25 - 25	RX+	68	22	0.117 kg/pc	10
14564421001	32 - 32	RX+	80	26	0.194 kg/pc	10
14563021001	50 - 50	RX+	104	26	0.595 kg/pc	1
14563031001	63 - 63	RX+	125	33	0.998 kg/pc	1
reduced						
14564461001	25 - 20	RX+	67	27	0.106 kg/pc	10
14564481001	32 - 25	RX+	80	30	0.165 kg/pc	10
14563951001	40 - 25	RX+	72	17	0.247 kg/pc	10
14563041001	50 - 32	RX+	91	25	0.387 kg/pc	5
14563051001	50 - 40	RX+	97	26	487 g/pc	1
14563061001	63 - 50	RX+	115	30	0.813 kg/pc	1

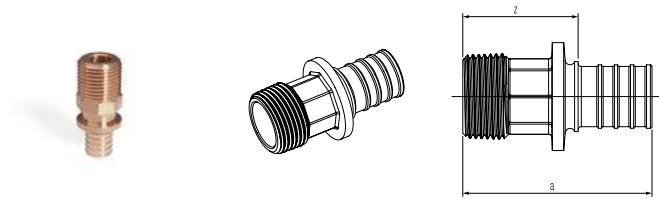
Adapter RAUTITAN RX+, with external thread

Application:

- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

lead-free gunmetal (CC470K)



Mat.-no.	Description	Type	a mm	z mm	AF*1	Weight kg/pc	PG pc
14563141001	20 - R 1/2	RX+	50	33	18	0.06 kg/pc	10
14563151001	20 - R 3/4	RX+	51	34	18	0.074 kg/pc	10
14563161001	20 - R 1	RX+	53	36	34	0.115 kg/pc	5
14563171001	25 - R 1/2	RX+	56	33	22	0.088 kg/pc	10
14563181001	25 - R 3/4	RX+	59	36	22	0.102 kg/pc	10
14563191001	25 - R 1	RX+	61	38	34	0.132 kg/pc	10
14563201001	32 - R 3/4	RX+	65	38	27	0.146 kg/pc	10
14563211001	32 - R 1	RX+	67	40	27	0.16 kg/pc	10
14563221001	32 - R 1 1/4	RX+	71	44	27	0.211 kg/pc	5
14563231001	40 - R 1 1/4	RX+	78	46	32	0.325 kg/pc	5
14563241001	50 - R 1 1/4	RX+	84	45	40	0.425 kg/pc	5
14563251001	50 - R 1 1/2	RX+	84	45	40	464 g/pc	1
14563261001	63 - R 2	RX+	100	54	49	0.76 kg/pc	1

*1 Wrench width AF

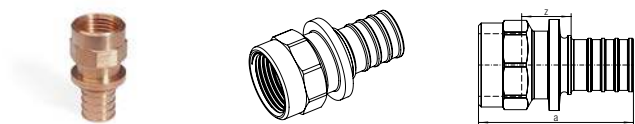
Adapter RAUTITAN RX+, with internal thread

Application:

- for pipes RAUTITAN stabil, RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

lead-free gunmetal (CC470K)



Mat.-no.	Description	Type	a mm	z mm	AF*1	Weight kg/pc	PG pc
14563281001	20 - Rp 1/2	RX+	47	16	25	0.067	10
14563291001	20 - Rp 3/4	RX+	50	18	31	0.086	10
14563301001	25 - Rp 1/2	RX+	49	11	25	0.082	10
14563311001	25 - Rp 3/4	RX+	57	18	31	0.113	10
14564081001	25 - Rp 1	RX+	62	20	38	0.155	5
14563321001	32 - Rp 3/4	RX+	54	11	31	0.128	10
14563331001	32 - Rp 1	RX+	67	21	39	0.188	10
14563341001	40 - Rp 1 1/4	RX+	75	22	49	0.349	5

*1 Wrench width AF

Subject to misprints, changes and errors.

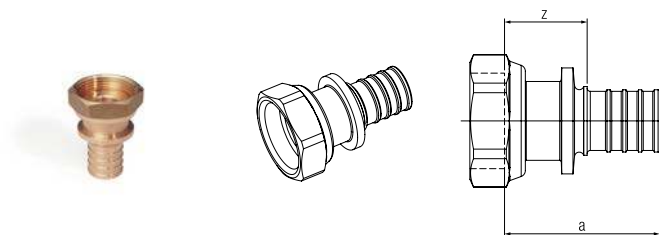
Adapter RAUTITAN RX+, with screwcap

Application:

- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

- fitting: lead-free gunmetal (CC470K)
- Union nut: brass according EN 12164, EN 12165, EN 12168



Mat.-no.	Description	Type	a mm	z mm	AF*1	Weight kg/pc	PG pc
14563371001	20 - G 1/2	RX+	42	25	26	0.076	10
14563381001	20 - G 3/4	RX+	38	22	30	0.081	10
14563391001	25 - G 3/4	RX+	52	29	30	0.116	10
14563401001	25 - G 1	RX+	49	26	38	0.145	10
14563411001	32 - G 1	RX+	55	28	38	0.186	10
14563421001	32 - G 1 1/4	RX+	55	28	46	0.238	5
14563431001	32 - G 1 1/2	RX+	52	25	52	0.244	5
14563441001	40 - G 1 1/2	RX+	60	28	52	0.362	1

*1 Wrench width AF

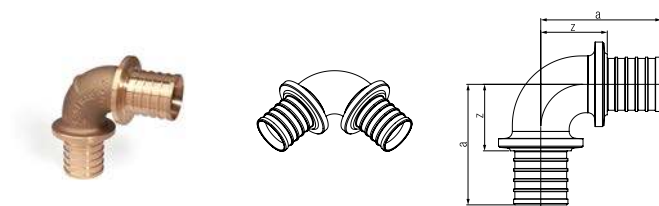
Bend RAUTITAN RX+, 90°

Application:

- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

lead-free gunmetal (CC470K)



Mat.-no.	Description	Angle °	Type	a mm	z mm	Weight kg/pc	PG pc
14564301001	20 - 20, 90 degree	90	RX+	43	26	0.095	10
14564311001	25 - 25, 90 degree	90	RX+	55	32	0.163	10
14564321001	32 - 32, 90 degree	90	RX+	63	36	0.268	10
14563071001	50 - 50, 90 degree	90	RX+	87	48	0.854	1
14563081001	63 - 63, 90 degree	90	RX+	106	60	1.365	1

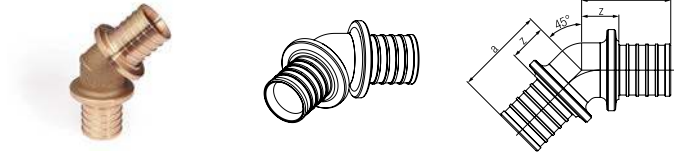
Bend RAUTITAN RX+, 45°

Application:

- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

lead-free gunmetal (CC470K)



Mat.-no.	Description	Angle °	Type	a mm	z mm	Weight kg/pc	PG pc
14563091001	50 - 50, 45 degree	45	RX+	67	28	0.725	1
14563101001	63 - 63, 45 degree	45	RX+	80	34	1.193	1

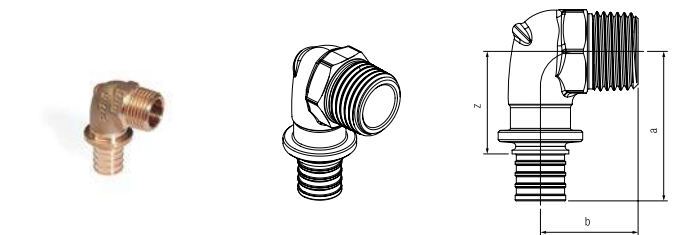
Elbow adapter RAUTITAN RX+, with external thread

Application:

- for pipes RAUTITAN stabil, RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

lead-free gunmetal (CC470K)



Mat.-no.	Description	Type	a mm	b mm	z mm	AF*1	Weight kg/pc	PG pc
14563481001	20 - R 1/2	RX+	42	28	26	22	0.091	10
14563491001	20 - R 3/4	RX+	44	28	28	27	0.108	10
14563501001	25 - R 3/4	RX+	52	31	29	27	0.147	10
14564821001	25 - R1	RX+	59	35	36	34	0.181	10
14563511001	32 - R 3/4	RX+	60	34	33	27	0.206	3
14563521001	32 - R 1	RX+	64	37	37	34	0.249	3
14560121001	40 - R 1 1/4	RX+	73	51	41	42	0.482	1

*1 Wrench width AF

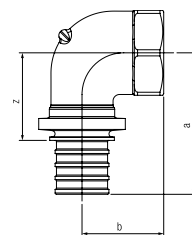
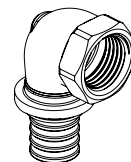
Elbow adapter RAUTITAN RX+, with internal thread

Application:

- for pipes RAUTITAN stabil, RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

lead-free gunmetal (CC470K)



Mat.-no.	Description	Type	a mm	b mm	z mm	AF*1	Weight kg/pc	PG pc
14563551001	20 - Rp 1/2	RX+	44	25	27	27	0.104	10
14563561001	20 - Rp 3/4	RX+	47	25	31	33	0.131	10
14565031001	25 - Rp 3/4	RX+	54	29	31	33	0.162	10
14563571001	25 - Rp 1	RX+	49	31	36	41	0.219	10
14560131001	32 - Rp 1	RX+	66	33	39	41	0.294	3
14560141001	40 - Rp 1 1/4	RX+	76	38	44	49	0.483	1

*1 Wrench width AF

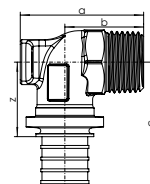
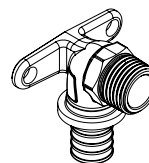
Wall-mounted elbow RAUTITAN RX+, with external thread

Application:

- for installation on REHAU bracket program, with short threaded connector
- for pipes RAUTITAN stabil, RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4

Material:

lead-free gunmetal (CC470K)



Mat.-no.	Description	Type	a mm	b mm	c mm	z mm	AF*1	Weight kg/pc	PG pc
14563651001	20 - R 1/2	RX+	42	27	42	26	22	0.111	10
14563661001	20 - R 3/4	RX+	43	28	44	21	27	0.131	10

*1 Wrench width AF

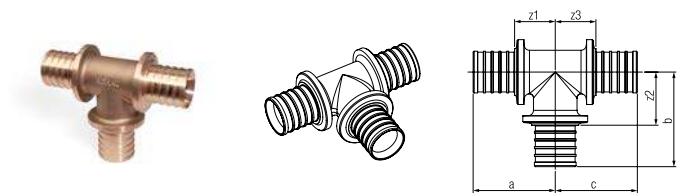
T-piece RAUTITAN RX+

Application:

- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

lead-free gunmetal (CC470K)



Mat.-no.	Description	Type	a mm	b mm	c mm	z ₁ mm	z ₂ mm	z ₃ mm	Z1 mm	Weight kg/pc	PG pc
equal											
14564511001	20 - 20 - 20	RX+	41	44	41	24	27	24	24	0.1	10
14564521001	25 - 25 - 25	RX+	52	54	52	29	32	29	29	0.24	10
14564531001	32 - 32 - 32	RX+	57	65	57	30	38	30	30	0.392	3
14562801001	50 - 50 - 50	RX+	77	89	77	38	50	38	38	1.166	1
14562811001	63 - 63 - 63	RX+	94	104	94	48	58	48	48	1.901	1
reduced centre											
14564571001	25 - 20 - 25	RX+	49	47	49	26	30	26	26	0.202	10
14564581001	32 - 20 - 32	RX+	54	50	54	27	33	27	27	0.294	3
14564621001	32 - 25 - 32	RX+	56	58	56	29	35	28	29	0.339	1
14562821001	50 - 20 - 50	RX+	66	63	66	27	47	27	27	0.757	1
14562831001	50 - 25 - 50	RX+	68	71	68	29	48	29	29	0.805	1
14562841001	50 - 32 - 50	RX+	70	79	70	31	52	31	31	0.885	1
14562851001	50 - 40 - 50	RX+	74	84	74	35	52	35	35	1.046	1
14562861001	63 - 25 - 63	RX+	80	75	80	34	52	34	34	1.255	1
14562871001	63 - 32 - 63	RX+	81	86	81	35	59	35	35	1.335	1
14562881001	63 - 40 - 63	RX+	83	95	83	37	63	37	37	1.504	1
14562891001	63 - 50 - 63	RX+	89	94	89	43	55	43	43	1.639	1
reduced centre and end											
14564681001	25 - 20 - 20	RX+	49	47	41	26	30	24	26	0.173	10
14564691001	32 - 25 - 25	RX+	58	58	53	31	35	30	31	0.3	3
14562901001	50 - 32 - 40	RX+	70	79	64	31	52	32	31	0.793	1

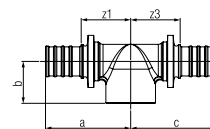
T-piece RAUTITAN RX+, outlet with internal thread

Application:

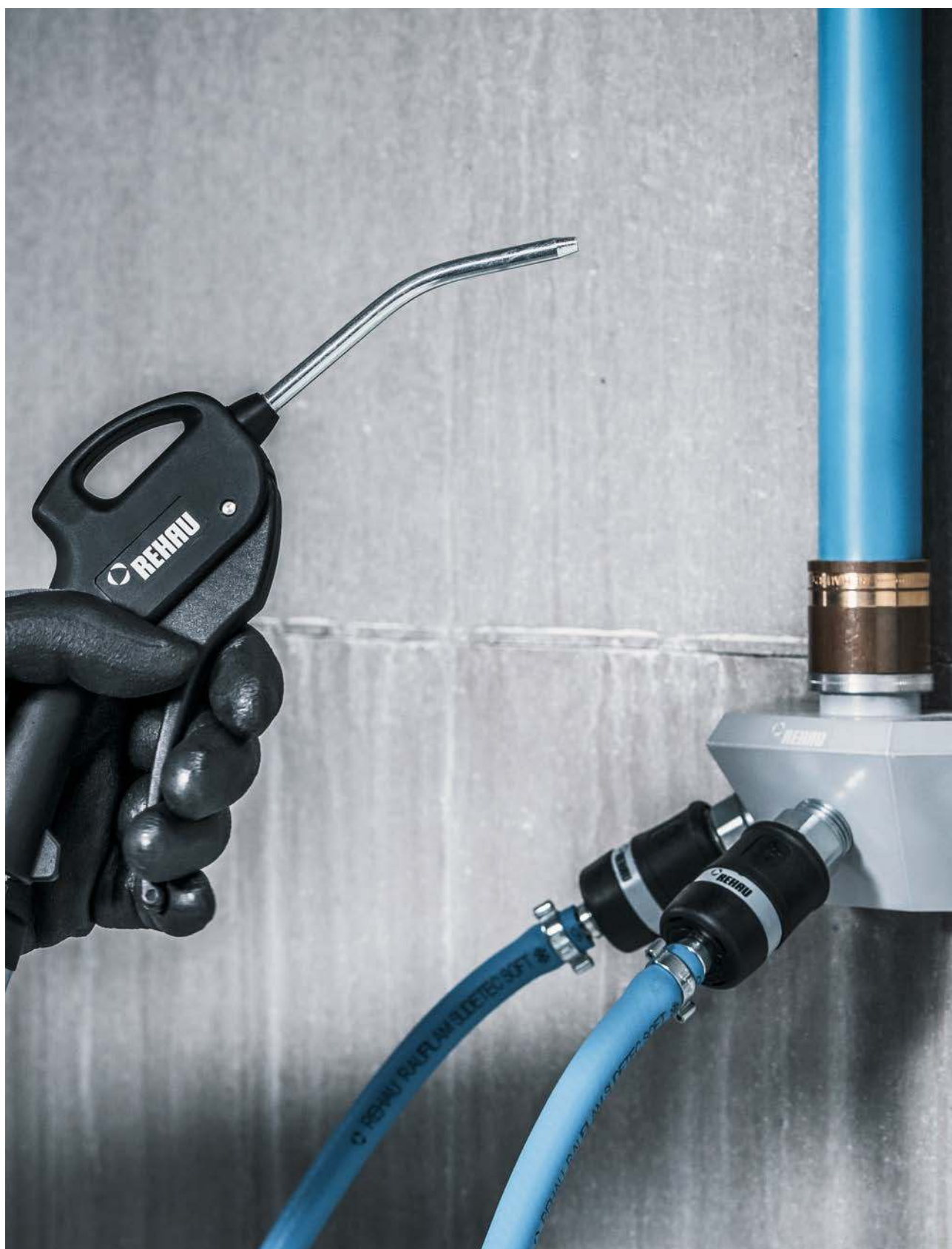
- for pipes RAUTITAN stabil (up to 40), RAUTITAN flex
- for pipes RAUTHERMEX strong, RAUTHERMEX MKV for drinking water, RAUTHERMEX SDR 7,4, INSULPEX SDR 7,4
- for industrial pipes RAUPEX SDR 7.4

Material:

lead-free gunmetal (CC470K)



Mat.-no.	Description	Type	a mm	b mm	c mm	z ₁ mm	z ₃ mm	Z1 mm	Weight kg/pc	PG pc
14564141001	25 - Rp 1/2 - 25	RX+	51	26	51	28	28	28	0.189	10
14562961001	25 - Rp 3/4 - 25	RX+	55	27	55	32	32	32	0.216	10
14562981001	32 - Rp 3/4 - 25	RX+	58	30	58	31	30	31	0.277	3
14562971001	32 - Rp 3/4 - 32	RX+	61	30	61	34	34	34	0.325	3
14562991001	32 - Rp 1 - 32	RX+	65	33	65	38	38	38	0.387	3
14563001001	40 - Rp 1 - 40	RX+	69	35	69	37	37	37	0.645	1
14563011001	50 - Rp 1 - 50	RX+	77	39	77	38	38	38	0.859	1



06 Compressed air accessories

Safety quick couplings, compressed air distribution boxes and hose technology

06.01 Compressed air accessories

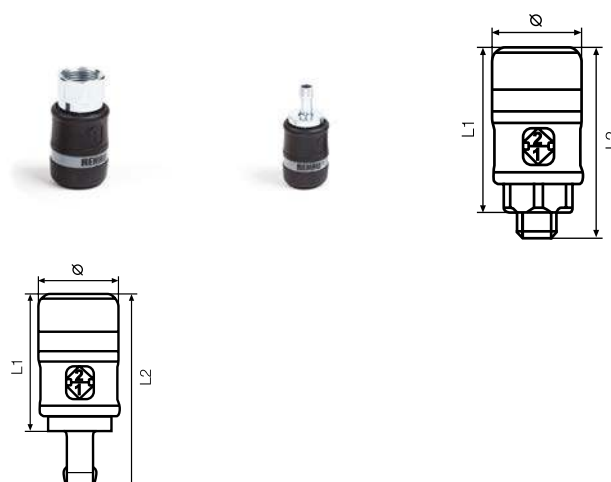
Quick safety coupling

Application:

for a safe coupling and close of compressed air line by concurrent prevention of recoil accidents

Properties:

- with polymer housing and black and grey marking ring
- operating pressure: 2 - 16 bar
- operating temperature range: -15 °C to +70 °C
- flow: 1470 l/min at 6 bar and $\Delta p = 0,6$ bar
- nipple profile: NP 7,2



Mat.-no.	Description	D mm	L*1 mm	L1 mm	Weight g/pc	PG pc
12496671001	G 1/2 Female	32	60	49	84.6	10
12496771001	G 1/2 Male	32	75	49	90	10
12496871001	Hose connection DN 9	32	78	49	76.6	10
12496971001	Hoes connection DN 13	32	83	49	87.5	10

*1 Length L

Quick coupling

Application:

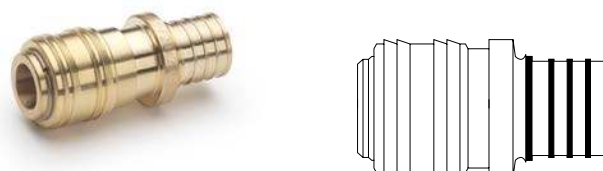
to close the connection line

Properties:

- suitable for use with the permanently tight compression sleeve according VOB (DIN 18380)
- compressed air connection: NP 7.2
- operating pressure: max 35 bar
- operating temperature range: -20 °C to +100 °C

Material:

Brass



Mat.-no.	Description	d mm	L*1 mm	L1 mm	Weight g/pc	PG pc
12496571001	NP 7.2 - 20 x 1,9/20 x 2,0	24.8	58	36	102	10

*1 Length L

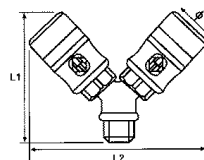
Junction with 2 quick safety coupling

Application:

for a safe coupling and close of compressed air line by concurrent prevention of recoil accidents

Properties:

- with polymer housing and black and grey marking ring
- operating pressure: 2 - 16 bar
- operating temperature range: -15 °C to +70 °C
- flow: 1470 l/min at 6 bar and $\Delta p = 0,6$ bar
- nipple profile: NP 7,2



Mat.-no.	Description	D mm	L1 mm	L2 mm	Weight g/pc	PG pc
12497071001	2 quick safety couplings G 1/2 male	32	100	147	360	1

Compressed air junction box 3-piece, with sliding sleeve connection

Application:

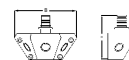
compressed air junction box with moulded supporting body in combination with RAUPEX pipes SDR 11 and compression sleeves SDR 11

Properties:

3 outlets with internal thread G 1/2 to fix the quick safety coupling or hose nozzle

Material:

aluminium, powder-coated



Mat.-no.	Description	Width B mm	Height mm	Weight g/pc	PG pc
12493801001	32 x 2,9, SDR 11	154	105	460	1

Compressed air junction box 3-piece, with internal thread

Application:

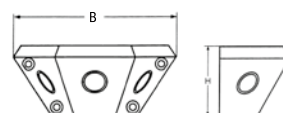
compressed air junction box with internal thread Rp 1

Properties:

3 outlets with internal thread G 1/2 to fix the quick safety coupling or hose nozzle

Material:

aluminium, powder-coated



Mat.-no.	Description	Width B mm	Height mm	Weight g/pc	PG pc
12493901001	Rp 1	153.5	61	400	1

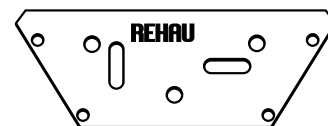
Bracket for compressed air junction box

Application:

bracket for an easy mounting of the compressed air junction box incl. 4 screws

Material:

galvanized steel



Mat.-no.	Description	Weight g/pc	PG pc
12494001001	for manifold	150	1

Plug nipple

Application:

suitable for quick coupling and safety quick coupling NP 7,2

Properties:

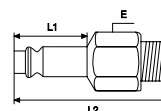
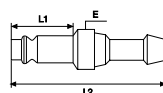
operating pressure: 16 bar

Material:

galvanized steel

Colour:

yellow chromated



Mat.-no.	Description	e mm	L1 mm	L2 mm	Weight g/pc	PG pc
12497171001	Hose connection DN 9	16	20	54	24	10
12497271001	Hose connection DN 13	20	20	59	44	10
12497371001	G 1/4 male	14	20	39	32.1	10
12497471001	G 3/8 male	17	20	41	41.2	10
12497571001	G 1/2 male	22	20	48	46	10

Ear clamp

Application:
to connect the RAUFILAM E-pipes in combination with
quick safety coupling, hose nipple and plug nipple

Material:
galvanized steel

Colour:
yellow chromated



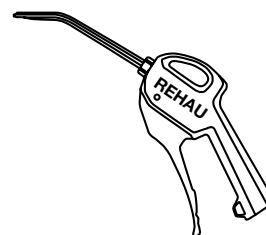
Mat.-no.	Description	Weight	PG
		g/pc	pc
12492701001	DN 9	4.3	100
12492801001	DN 13	5.4	100

Blower pistol with metal nozzle

Application:
adjustable blower pistol to dose the air flow

Properties:

- maximum flow rate of 6 bar = 6,4 l/s
- connection thread G 1/4
- operating pressure: 10 bar
- nozzle length: 110 mm
- nozzle diameter: 3 x 6 mm



Mat.-no.	Description	Weight	PG
		g/pc	pc
12492601001	G 1/4, 10 bar	132	1

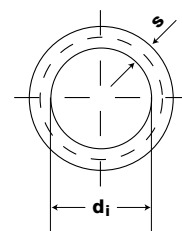
RAUFILAM SLIDE TEC SOFT compressed air hose

Application:
for use of compressed air and other media

Material:

- Inner hose: RAU-PVC 7806
- Sheathing: RAU-PVC 7058

Colour:
sky blue (RAL 5015)



Mat.-no.	Description	di	s	Weight	PG
		mm	mm	g/m	m
10290351001	DN 9	9	2.8	126.17	150
10290371001	DN 13	12.7	3	179.97	100

06.02 adhesive label for identification

Label Compressed Air

Application:

to mark the RAUPEX pipes according DIN 825 and DIN 2403

Properties:

- self-adhesive to mark the pipes in dimensions of 20 - 160 mm
- the arrows are removable by perforation



Mat.-no.	Description	for pipe dimension		size label		RAL	Weight g/pc	PG pc
		mm	mm					
German								
12436131001	German, 70 x 18	20	50	70 x 18 mm	silver grey RAL 7001		0.8	50
12436231001	German, 105 x 37	63	160	105 x 37 mm	silver grey RAL 7001		1.6	50
English								
12436131002* ¹	English, 70 x 18	20	50	70 x 18 mm	silver grey RAL 7001		0.8	50
12436231002* ¹	English, 105 x 37	63	160	105 x 37 mm	silver grey RAL 7001		1.6	50
French								
12436131003* ¹	French, 70 x 18	20	50	70 x 18 mm	silver grey RAL 7001		0.8	50
12436231003* ¹	French, 105 x 37	63	160	105 x 37 mm	silver grey RAL 7001		1.6	50
Spanish								
12436131004* ¹	Spanish, 70 x 18	20	50	70 x 18 mm	silver grey RAL 7001		0.8	50
12436231004* ¹	Spanish, 105 x 37	63	160	105 x 37 mm	silver grey RAL 7001		1.6	50

^{*1} Minimum order quantity and delivery time on request

Label Cooling Water

Application:

to mark the RAUPEX pipes according DIN 825 and DIN 2403

Properties:

- self-adhesive to mark the pipes in dimensions of 20 - 160 mm
- the arrows are removable by perforation



Mat.-no.	Description	for pipe dimension		size label		RAL	Weight g/pc	PG pc
		mm	mm					
German								
12435731001	Inlet, German, 70 x 18	20	50	70 x 18 mm	yellow green RAL 6018		0.8	50
12435931001	Outlet, German, 70 x 18	20	50	70 x 18 mm	yellow green RAL 6018		0.8	50
12435831001	Inlet, German, 105 x 37	63	160	105 x 37 mm	yellow green RAL 6018		1.6	50
12436031001	Outlet, German, 105 x 37	63	160	105 x 37 mm	yellow green RAL 6018		1.6	50
English								
12435731002* ¹	Inlet, English, 70 x 18	20	50	70 x 18 mm	yellow green RAL 6018		0.8	50
12435931002* ¹	Outlet, English, 70 x 18	20	50	70 x 18 mm	yellow green RAL 6018		0.8	50
12435831002* ¹	Inlet, English, 105 x 37	63	160	105 x 37 mm	yellow green RAL 6018		1.6	50
12436031002* ¹	Outlet, English, 105 x 37	63	160	105 x 37 mm	yellow green RAL 6018		1.6	50
French								
12435731003* ¹	Inlet, French, 70 x 18	20	50	70 x 18 mm	yellow green RAL 6018		0.8	50
12435931003* ¹	Outlet, French, 70 x 18	20	50	70 x 18 mm	yellow green RAL 6018		0.8	50
12435831003* ¹	Inlet, French, 105 x 37	63	160	105 x 37 mm	yellow green RAL 6018		1.6	50
12436031003* ¹	Outlet, French, 105 x 37	63	160	105 x 37 mm	yellow green RAL 6018		1.6	50
Spanish								
12435731004* ¹	Inlet, Spanish, 70 x 18	20	50	70 x 18 mm	yellow green RAL 6018		0.8	50
12435931004* ¹	Outlet, Spanish, 70 x 18	20	50	70 x 18 mm	yellow green RAL 6018		0.8	50
12435831004* ¹	Inlet, Spanish, 105 x 37	63	160	105 x 37 mm	yellow green RAL 6018		1.6	50
12436031004* ¹	Outlet, Spanish, 105 x 37	63	160	105 x 37 mm	yellow green RAL 6018		1.6	50

*¹ Minimum order quantity and delivery time on request

Label color VW, Cooling Water

Application:

to mark the polymer pipes according VW-standard and DIN 825

Properties:

- self-adhesive to mark the pipes in dimensions of 20 - 160 mm
- the arrows are removable by perforation



Mat.-no.	Description	for pipe dimension		size label	RAL	Weight	PG
		mm	mm				
German							
12438431001	Inlet, German, 70 x 18	20	50	70 x 18 mm	red RAL 3000	0.8	50
12438631001	Outlet, German, 70 x 18	20	50	70 x 18 mm	red RAL 3000	0.8	50
12449921001	Inlet, German, 105 x 37	63	160	105 x 37 mm	red RAL 3000	1.6	50
12438731001	Outlet, German, 105x37	63	160	105 x 37 mm	red RAL 3000	1.6	50

Label color VW, Compressed Air

Application:

to mark the polymer pipes according VW-standard and DIN 825

Properties:

- self-adhesive to mark the pipes in dimensions of 20 - 160 mm
- the arrows are removable by perforation



Mat.-no.	Description	for pipe dimension		size label		RAL	Weight g/pc	PG pc
		mm	mm					
German								
12439431001	6 bar, German, 70 x 18	20	50	70 x 18 mm	red RAL 3000	0.8	50	
12439631001	12 bar, German, 70 x 18	20	50	70 x 18 mm	white RAL 9003	0.8	50	
12439531001	6 bar, German, 105 x 37	63	160	105 x 37 mm	red RAL 3000	1.6	50	
12450921001	12 bar, German, 105 x 37	63	160	105 x 37 mm	purple RAL 4001	1.6	50	

Label medium supply

Application:
to mark the polymer pipes

Properties:
self-adhesive to mark the pipes in dimensions of 167 x 48 mm



MEDIENVERSORGUNG
RAUPEX INDUSTRIEROHRSYSTEM SDR 11

Mat.-no.	Description	size label		RAL	Weight g/pc	PG pc
German						
12192991001	Operating Media SDR 11 (DE)	167 x 48 mm	white RAL 9003		0.8	50
12193011001	Operating Media SDR 7,4 (DE)	167 x 48 mm	grey RAL 7043		0.8	50



07 RAUFRIGO

pre insulated industrial pipe system

07.01 RAUFRIGO pipes

RAUFRIGO pipes

Application:

pre-insulated industrial pipe to transport coolant, cooling brine and other industrial medium

Properties:

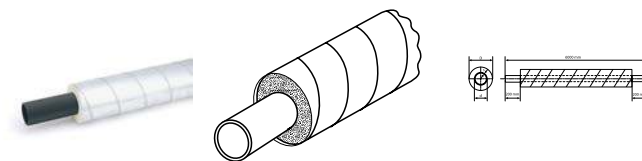
temperature range: -40 °C to +50 °C

Components:

- basis pipe: PE 100, RAL 9005, deep black
- insulation: closed-cell cyclopenthanate floated polyurethane rigid foam (PUR) with a thermal conductivity PUR = max. 0,027 W/mK
- outer casing: galvanized spiral fold pipe made of steel plate

Note:

- outer coating made of V2A or PE on request
- connection technology: REHAU electro welding joint made of PE
- delivery time on request



Mat.-no.	Description	d mm	s mm	SDR	D mm	V ^{*1} l/m	Weight kg/m	PG m
12315861006	140 / 63 x 5.8, SDR 11, bar 6 m	63	5.8	11	140	2.075	4.33	6
12353051006	150 / 75 x 6.8, SDR 11, bar 6 m	75	6.8	11	150	2.961	5	6
12353151006	160 / 90 x 5.4, SDR 17, bar 6 m	90	5.4	17	160	4.927	5.15	6
12353251006	180 / 110 x 6.6, SDR 17, bar 6 m	110	6.6	17	180	7.359	6.36	6
12353351006	200 / 125 x 7.4, SDR 17, bar 6 m	125	7.4	17	200	9.538	7.51	6
12353451006	250 / 160 x 9.5, SDR 17, bar 6 m	160	9.5	17	250	15.615	10.81	6
12353551006	280 / 180 x 10.7, SDR 17, bar 6 m	180	10.7	17	280	19.756	13.02	6
12315961006	315 / 225 x 13.4, SDR 17, bar 6 m	225	13.4	17	315	30.853	16.98	6
12359891006	355 / 250 x 14.8, SDR 17, bar 6 m	250	14.8	17	355	38.152	20.55	6
12359901006	400 / 280 x 16.6, SDR 17, bar 6 m	280	16.6	17	400	47.839	25.02	6
12359991006	450 / 315 x 18.7, SDR 17, bar 6 m	315	18.7	17	450	60.524	30.76	6
12367591006	560 / 355 x 21.1, SDR 17, bar 6 m	355	21.1	17	560	76.846	41.96	6

*1 Volume V

RAUFRIGO pipes PE

Application:

pre-insulated industrial pipe to transport coolant, cooling brine and other industrial medium

Properties:

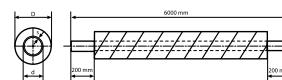
temperature range: -40 °C to +50 °C

Components:

- basis pipe: PE 100, RAL 9005, deep black
- insulation: closed-cell cyclopentane floated polyurethane rigid foam (PUR) with a thermal conductivity PUR = max. 0,027 W/mK
- Outer coating: PE

Note:

- outer coating made of V2A on request
- connection technology: REHAU electro welding joint made of PE
- delivery time on request



Mat.-no.	Description	d mm	s mm	SDR	D mm	V* ¹ l/m	Weight kg/m	PG m
16969011006	140 / 63 x 5.8, SDR 11, bar 6 m	63	5.8	11	140	2.075	4.33	6
16969021006	150 / 75 x 6.8, SDR 11, bar 6 m	75	6.8	11	150	2.961	5	6
16969031006	160 / 90 x 5.4, SDR 17, bar 6 m	90	5.4	17	160	4.927	5.15	6
16969041006	180 / 110 x 6.6, SDR 17, bar 6 m	110	6.6	17	180	7.359	6.36	6
16969051006	200 / 125 x 7.4, SDR 17, bar 6 m	125	7.4	17	200	9.538	7.51	6
16969061006	250 / 160 x 9.5, SDR 17, bar 6 m	160	9.5	17	250	15.615	10.81	6
16969071006	280 / 180 x 10.7, SDR 17, bar 6 m	180	10.7	17	280	19.756	13.02	6
16969081006	315 / 225 x 13.4, SDR 17, bar 6 m	225	13.4	17	315	30.853	16.98	6
16969091006	355 / 250 x 14.8, SDR 17, bar 6 m	250	14.8	17	355	38.152	20.55	6
16969101006	400 / 280 x 16.6, SDR 17, bar 6 m	280	16.6	17	400	47.839	25.02	6
16969111006	450 / 315 x 18.7, SDR 17, bar 6 m	315	18.7	17	450	60.524	30.76	6
16969121006	560 / 355 x 21.1, SDR 17, bar 6 m	355	21.1	17	560	76.846	41.96	6

*1 Volume V

07.02 RAUFRIGO FW pipe

RAUFRIGO FW pipe

Application:

pre-insulated industrial in closes circles, e.g. industrial heating systems

Properties:

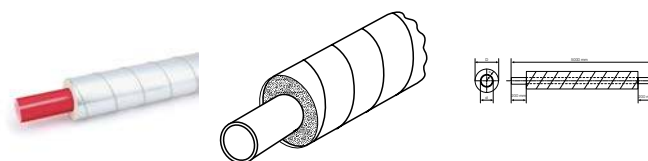
- temperature range: -40 °C to +95 °C
- pipe made of crosslinked polyethylene (PE-Xa) according DIN 16892/93 and DIN EN 15632 with grey marked oxygen diffusion barrier (EVOH) according DIN 4726

Components:

- Basis pipe: crosslinked polyethylene pipe (RAU-PE-Xa) with oxygen diffusion barrier
- insulation: closed-cell cyclopentane floated polyurethane rigid foam (PUR) with a thermal conductivity PUR = max. 0,027 W/mK
- outer casing: galvanized spiral fold pipe made of steel plate

Note:

- outer coating made of V2A or PE on request
- connection technology: REHAU electro welding joint FUSAPEX and compression sleeve SDR 11
- delivery time on request



Mat.-no.	Description	d mm	s mm	SDR	D mm	V* ¹ l/m	Weight kg/m	PG m
12297931005	140 / 63 x 5.8, SDR 11, bar 5 m	63	5.8	11	140	2.075	4.33	5
12296951005	150 / 75 x 6.8, SDR 11, bar 5 m	75	6.8	11	150	2.961	5	5
12250551005	160 / 90 x 8.2, SDR 11, bar 5 m	90	8.2	11	160	4.254	5.78	5
12297281005	180 / 110 x 10.0, SDR 11, bar 5 m	110	10	11	180	6.362	7.18	5
12297941005	200 / 125 x 11.4, SDR 11, bar 5 m	125	11.4	11	200	8.203	8.8	5
12260491005	250 / 160 x 14.6, SDR 11, bar 5 m	160	14.6	11	250	13.437	13	5

*1 Volume V

07.03 RAUFRIGIO Post-insulation

Insulation socket

Application:

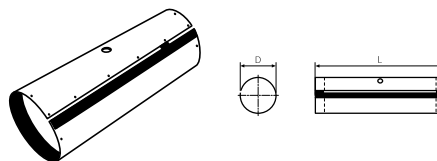
to insulate the RAUFRIGIO connection points with or without polyurethane joint foam

Properties:

- insulating joint: double-sided galvanized thin sheet
- sealing tape: synthetic rubber consists of closed cell rubber foam (thickness 3 mm)
- drilling screw: steel, white galvanized
- adhesive tape: aluminium foil (thickness 0,15 mm)

Note:

delivery time on request



Mat.-no.	Description	D mm	L*1 mm	Weight kg/pc	PG pc
12353651001	140	140	600	1.9	2
12316161001	150	150	600	2.1	2
12353751001	160	160	700	2.3	2
12353851001	180	180	700	2.6	2
12353951001	200	200	750	2.9	2
12354051001	250	250	800	3.6	2
12354151001	280	280	800	4	2
12316061001	315	315	800	4.4	2
12367601001	355	355	800	5	2
12367691001	400	400	800	5.5	2
12367701001	450	450	800	6	2
12367791001	560	560	800	6.5	2

*1 Length L

07.04 Connection technology FUSAPEX

FUSAPEX Coupler

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11
- for FUSAPEX reducers and flange transitions

Properties:

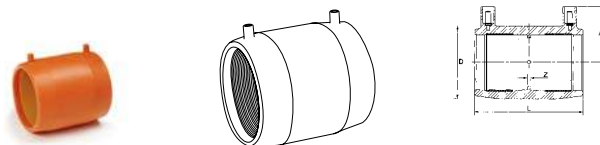
- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- inner welding wire to weld
- Tested according to DIN EN ISO 15875-5
- automatic recognition of welding parameters using SMARTFUSE technology

Colour:

Orange

Note:

Training followed by an examination are required in order to properly work with REHAU FUSAPEX electrofusion fittings



Mat.-no.	Description	a mm	d mm	z mm	L* ¹ mm	Weight g/pc	PG pc
14847021001	63, orange	58	82	3	118	230	1
14847031001	75, orange	65	98	3	126	330	1
14847041001	90, orange	69	117	3	148	650	1
14847051001	110, orange	79	140	3	163	832	1
14847061001	125, orange	87	157	3	173	998	1
14847071001	140, orange	97	174	3	183	1295	1
14847081001	160, orange	113	200	3	194	1752	1

*1 Length L

FUSAPEX 2.0 T-piece

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11
- for FUSAPEX reducers and flange transitions

Properties:

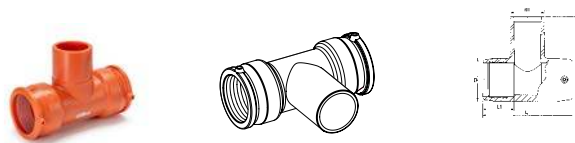
- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- inner welding wire to weld
- Tested according to DIN EN ISO 15875-5
- automatic recognition of welding parameters using SMARTFUSE technology

Colour:

Orange

Note:

Training followed by an examination are required in order to properly work with REHAU FUSAPEX electrofusion fittings



Mat.-no.	Description	d mm	d1 mm	H mm	L*1 mm	L1 mm	Weight g/pc	PG pc
14847221001	63-63-63, orange	82	63	119	167	58	434	1
14847231001	75-75-75, orange	96	75	129	196	63	597	1
14847241001	90-90-90, orange	113	90	137	294	71	1115	1
14847251001	110-110-110, orange	143	110	160	326	71	1965	1
14847261001	125-125-125, orange	165	125	177	382	86	2200	1
14847281001	160-160-160, orange	208	160	206	440	86	4700	1

*1 Length L

FUSAPEX Elbow 90°

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11
- for FUSAPEX reducers and flange transitions

Properties:

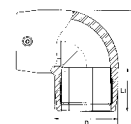
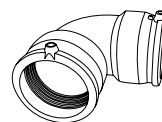
- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- inner welding wire to weld
- Tested according to DIN EN ISO 15875-5
- automatic recognition of welding parameters using SMARTFUSE technology

Colour:

Orange

Note:

Training followed by an examination are required in order to properly work with REHAU FUSAPEX electrofusion fittings



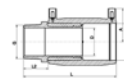
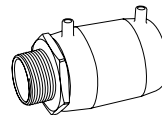
Mat.-no. °	Description	d mm	L*1 mm	L1 mm	Weight g/pc	PG pc
90						
14847121001	63, 90 degree, orange	81	131	57	333	1
14847131001	75, 90 degree, orange	96	150	61	506	1
14847141001	90, 90 degree, orange	111	202	70	855	1
14847151001	110, 90 degree, orange	140	234	73	1522	1
14847161001	125, 90 degree, orange	163	271	81	2330	1
14847171001	140, 90 degree, orange	183	309	93	3024	1
14847181001	160, 90 degree, orange	209	323	87	3720	1

*1 Length L

FUSAPEX 2.0 connection with external thread

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11
- for FUSAPEX reducers and flange transitions



Properties:

- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- inner welding wire to weld
- external thread according DIN 2999 made of brass CW 602 N
- Tested according to DIN EN ISO 15875-5

Colour:

Orange

Note:

Training followed by an examination are required in order to properly work with REHAU FUSAPEX electrofusion fittings

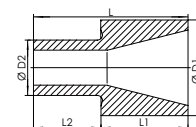
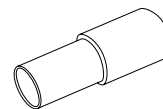
Mat.-no.	Description	d2 mm	L*1 mm	L2 mm	AF	Weight kg/pc	PG pc
14847321001	63 - R 2, orange	48	160	41	70	0.9	1
14847331001	75 - R 2 1/2, orange	51	171	46	85	1.477	1

*1 Length L

FUSAPEX reducer, SDR 11

Application:

- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11



Properties:

- patented current efficient construction in compact design
- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- pressure: 6 bar

Material:

PE-X

Colour:

Natural

Mat.-no.	Description	d1 mm	d2 mm	L* ¹ mm	L1 mm	L2 mm	Weight	PG pc
12144011001	75 - 63	75	63	118	61	57	290 g/pc	1
12144031001	90 - 63	90	63	128	71	57	290 g/pc	1
12036041001	90 - 75	90	75	132	71	61	290 g/pc	1
12144061001	110 - 63	110	63	136	79	57	290 g/pc	1
12036051001	110 - 75	110	75	140	79	61	464 g/pc	1
12036071001	110 - 90	110	90	150	79	71	485 g/pc	1
12144081001	125 - 63	125	63	140	83	57	290 g/pc	1
12036081001	125 - 75	125	75	144	83	61	658 g/pc	1
12036111001	125 - 90	125	90	154	83	71	658 g/pc	1
12036141001	125 - 110	125	110	162	83	79	660 g/pc	1
12144091001	140 - 125	140	125	175	91	84	814 g/pc	1
12036151001	160 - 75	160	75	156	95	61	1255 g/pc	1
12036161001	160 - 90	160	90	166	95	71	1230 g/pc	1
12036171001	160 - 110	160	110	174	95	79	1222 g/pc	1
12036181001	160 - 125	160	125	178	95	83	1203 g/pc	1
12144971001	160 - 140	160	140	187	96	91	1.123 kg/pc	1

*1 Length L

FUSAPEX flange adapter, SDR 11

Application:

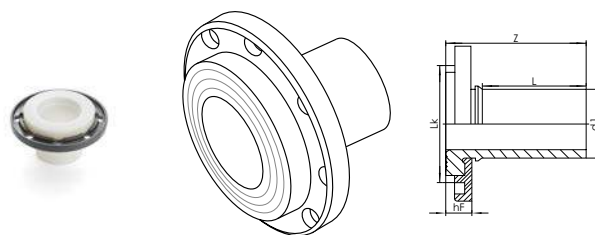
- for pipes RAUTHERMEX SDR 11, RAUVIPEX, RAUVITHERM, INSULPEX SDR 11
- for pipes RAUGEO collect
- for industrial pipes RAUPEX SDR 11, RAUFRIGO FW, RAUTHERM FW SDR 11

Properties:

- flange dimension according EN 1092-1
- PN 10 with polymer coated and turnable loose-type flange made of GGG40
- temperature resistance up to +95 °C according EN ISO 15875-5 class 5/6 bar
- for the use with profile sealing
- pressure: 6 bar

Material:

flange sleeve: PE-Xa



Mat.-no.	Description	number	d1 mm	z mm	h _f mm	L*1 mm	LK*2 mm	M _{max} *3 Nm	Weight kg/pc	PG pc
11022841001	63/DN 50	4	63	96	27	59	125	20	1.908	1
12031281001	75/DN 65	4	75	101	29	61	145	20	1.908	1
12299981001	90/DN 80	8	90	110	29	71	160	20	2.09	1
12299991001	110/DN 100	8	110	117	31	79	180	20	2.5	1
12887131001	125/DN 100	8	125	130	38	83	180	20	2.78	1

*1 Length L

*2 bolt circle LK

*3 maximum torque M_{max}**FUSAPEX gasket EPDM**

Application:

profile sealing with metal inlay for flange connections according EN 1514-1

Properties:

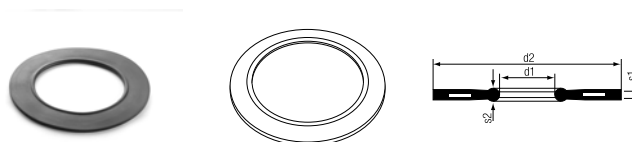
temperature range: -30 °C to +120 °C

Material:

peroxide-crosslinked EPDM

Colour:

Black



Mat.-no.	Description	PN	d1 mm	d2 mm	S ₁ mm	S ₂ mm	Weight g/pc	PG pc
12052631001	63/ DN50, PN 10 - 40, black	10-40	61	107	4	5	40	1
12052651001	75/ DN65, PN 10 - 40, black	10-40	77	127	4	5	51	1
12052661001	90/ DN80, PN 10 - 40, black	10-40	89	142	4	5	60	1
12052671001	110/100 and 125/100, PN 10-16, black	10-16	115	162	5	6	90	1

07.05 Connection technology SMARTFUSE

SMARTFUSE coupler

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

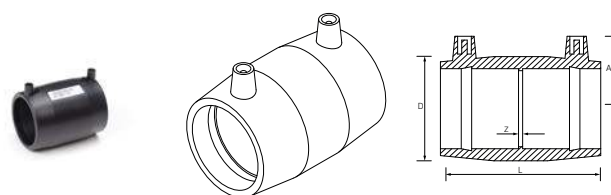
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no.	Description	PN	D mm	A mm	Z mm	L* mm	Weight	PG pc
12450521001	63, PE 100, black	16	82	58	3	118	240 g/pc	1
12450621001	75, PE 100, black	16	98	65	3	126	350 g/pc	1
12450721001	90, PE 100, black	16	117	69	3	148	570 g/pc	1
12450821001	110, PE 100, black	16	140	79	3	163	810 g/pc	1
12330621001	125, PE 100, black	16	157	87	3	173	1.75 kg/pc	1
12451121001	160, PE 100, black	16	200	113	3	194	1.815 kg/pc	1
12387601001	180, PE 100, black	16	223	128	3	211	2.581 kg/pc	1
12387781001	225, PE 100, black	16	280	140	3	240	4.269 kg/pc	1
12758181001	250, PE 100, black	16	310	155	3	256	5.514 kg/pc	1
12387801001	280, PE 100, black	16	339	166	3	275	5.82 kg/pc	1
12387881001	315, PE 100, black	16	381	187	3	284	8.717 kg/pc	1
12387901001	355, PE 100, black	16	436	245	3	260	7.5 kg/pc	1

*1 Length L

SMARTFUSE coupler LightFit

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

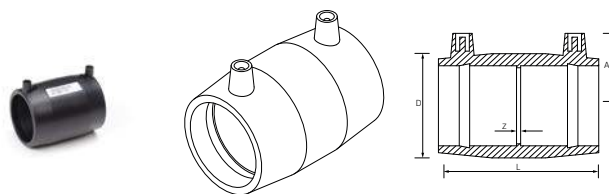
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVAL-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



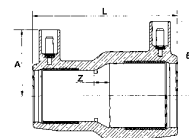
Mat.-no.	Description	PN	D mm	A mm	Z mm	L*1 mm	Weight	PG pc
12219651001	90, PE 100, black	10	108	69	3	148	352 g/pc	1
12219661001	110, PE 100, black	10	131	79	3	163	544 g/pc	1
12219681001	125, PE 100, black	10	149	87	3	173	727 g/pc	1
12219731001	160, PE 100, black	10	193	114	3	198	1.285 kg/pc	1
12219741001	180, PE 100, black	10	215	128	3	212	1.618 kg/pc	1
12219761001	225, PE 100, black	10	264	141	3	240	2.7 kg/pc	1
12219781001	250, PE 100, black	10	293	155	3	256	3.8 kg/pc	1
12219801001	280, PE 100, black	10	332	166	3	275	4.85 kg/pc	1
12219831001	315, PE 100, black	10	374	184	3	284	6.38 kg/pc	1
12219841001	355, PE 100, black	10	421	204	3	280	7.98 kg/pc	1

*1 Length L

SMARTFUSE reducing coupler

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

Mat.-no.	Description	PN	A mm	B mm	Z mm	L* mm	Weight	PG pc
12496271001	75 - 63, PE 100, black	16	58	65	8	126	310 g/pc	1
12480041001	90 - 50, PE 100, black	16	52	77	21	142	420 g/pc	1
12453321001	90 - 63, PE 100, black	16	59	77	14	144	440 g/pc	1
12252431001	90 - 75, PE 100, black	16	66	77	13	145	500 g/pc	1
12451021001	110 - 63, PE 100, black	16	59	83	20	158	640 g/pc	1
12453421001	110 - 90, PE 100, black	16	73	83	9	161	745 g/pc	1
12330821001	125 - 90, PE 100, black	16	69	87	16	173	1.16 kg/pc	1
12336221001	125 - 110, PE 100, black	16	79	87	8	173	1.21 kg/pc	1
12389401001	160 - 90, PE 100, black	16	69	104	23	192	1.44 kg/pc	1
12389481001	160 - 110, PE 100, black	16	79	104	17	193	1.52 kg/pc	1
12389501001	160 - 125, PE 100, black	16	87	104	13	194	1.57 kg/pc	1
12389581001	180 - 125, PE 100, black	16	87	114	21	211	2.6 kg/pc	1

*1 Length L

Reducer, SDR 11

Application:
moulded part to weld with electrofusion fittings made of
PE

Properties:

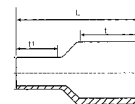
- UV stabilized
- pressure: PN 16 (SDR 11), PN 10 (SDR 17)

Material:

Polyethylene 100 (PE)

Colour:

Black



Mat.-no.	Description	PN	t ₁ mm	t mm	L* ¹ mm	Weight	PG pc
12429271001	75 - 63, PE 100, black	16	73	70	180	218 g/pc	1
12429371001	90 - 63, PE 100, black	16	79	70	186	315 g/pc	1
12429471001	90 - 75, PE 100, black	16	79	70	183	345 g/pc	1
12429571001	110 - 63, PE 100, black	16	85	70	185	440 g/pc	1
12342541001	110 - 75, PE 100, black	16	85	70	185	480 g/pc	1
12429671001	110 - 90, PE 100, black	16	85	79	185	530 g/pc	1
12330921001	125 - 63, PE 100, black	16	90	70	200	600 g/pc	1
12331021001	125 - 90, PE 100, black	16	90	79	200	665 g/pc	1
12331121001	125 - 110, PE 100, black	16	90	88	200	770 g/pc	1
12429771001	160 - 90, PE 100, black	16	120	75	250	1.3 kg/pc	1
12429871001	160 - 110, PE 100, black	16	120	85	250	1.39 kg/pc	1
12336321001	160 - 125, PE 100, black	16	120	90	250	1.42 kg/pc	1

*¹ Length L

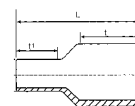
Reducer SDR 17

Application:
moulded part to weld with electrofusion fittings made of
PE

Properties:
UV stabilized

Material:
Polyethylene 100 (PE)

Colour:
Black



Mat.-no.	Description	PN	t ₁ mm	t mm	L* ¹ mm	Weight	PG pc
12852411001	110 - 90, PE 100, black	10	85	79	185	0.357 kg/pc	1
12852511001	125 - 63, PE 100, black	10	90	70	200	0.41 kg/pc	1
12852611001	125 - 90, PE 100, black	10	90	79	200	0.475 kg/pc	1
12852711001	125 - 110, PE 100, black	10	90	88	200	700 g/pc	1
12852811001	160 - 90, PE 100, black	10	120	75	250	0.9 kg/pc	1
12852911001	160 - 110, PE 100, black	10	120	85	250	0.93 kg/pc	1
12853011001	160 - 125, PE 100, black	10	120	90	250	960 g/pc	1
12798061001	180 - 90, PE 100, black	10	105	79	237	1.4 kg/pc	1
12798161001	180 - 125, PE 100, black	10	120	90	255	1.21 kg/pc	1
12798261001	180 - 160, PE 100, black	10	120	120	270	1.45 kg/pc	1
12798461001	225 - 160, PE 100, black	10	130	120	295	2.175 kg/pc	1
12798561001	225 - 180, PE 100, black	10	128	120	290	2.24 kg/pc	1
12798661001	250 - 160, PE 100, black	10	130	100	290	2.65 kg/pc	1
12798761001	250 - 180, PE 100, black	10	130	105	295	2.85 kg/pc	1
12798861001	250 - 225, PE 100, black	10	130	120	310	3.63 kg/pc	1
12799061001	280 - 225, PE 100, black	10	140	120	335	4.75 kg/pc	1
12799161001	315 - 225, PE 100, black	10	150	120	365	5.29 kg/pc	1
12799261001	315 - 250, PE 100, black	10	150	130	365	5.56 kg/pc	1
12799361001	315 - 280, PE 100, black	10	150	139	315	5.96 kg/pc	1
12799461001	355 - 250, PE 100, black	10	165	130	390	7.2 kg/pc	1
12799561001	355 - 280, PE 100, black	10	165	139	390	9 kg/pc	1
12799661001	355 - 315, PE 100, black	10	165	150	390	10 kg/pc	1

*1 Length L

SMARTFUSE male adapter (brass)

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- external thread according DIN 2999 made of standard brass
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

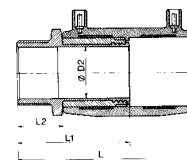
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



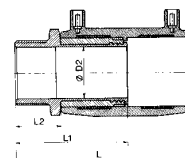
Mat.-no.	Description	PN	d2 mm	L* ¹ mm	L1 mm	L2 mm	AF	Weight	PG pc
12458821001	63 - R 1 1/4, PE 100, black	16	48	154	97	36	70	740 g/pc	1
12458921001	63 - R 1 1/2, PE 100, black	16	48	154	97	36	70	885 g/pc	1
12459021001	63 - R 2, PE 100, black	16	48	159	102	41	70	894 g/pc	1
12468021001	75 - R 2, PE 100, black	16	59	167	106	41	85	1.3 kg/pc	1
12454521001	75 - R 2 1/2, PE 100, black	16	59	172	111	46		1.5 kg/pc	1

*1 Length L

SMARTFUSE male adapter PE 100

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- external thread according DIN 2999 made of PE 100
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

Mat.-no.	Description	L* ¹ mm	L1 mm	L2 mm	AF	Weight g/pc	PG pc
12450971001	63 - R 1 1/2, PE 100, black	160	102	44	70	548	1
12451071001	63 - R 2, PE 100, black	166	106	48	70	894	1

^{*1} Length L

SMARTFUSE female adapter (brass)

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- internal thread according DIN 2999 made of standard brass
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

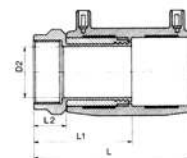
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no.	Description	PN	d2 mm	L*1 mm	L1 mm	AF	Weight g/pc	PG pc
12459821001	63 - Rp 1 1/2, PE 100, black	16	48	147	91	70	924	1
12459921001	63 - Rp 2, PE 100, black	16	48	147	91	70	894	1

*1 Length L

SMARTFUSE end cap

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld the RAUPEX-pipes and PE 63, PE 80 und PE 100 pipes in SDR 11/17
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

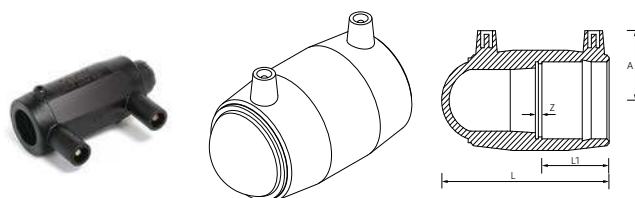
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no.	Description	PN	A mm	Z mm	L*1 mm	Weight	PG pc
12451721001	63, PE 100, black	16	58	3	142	327 g/pc	1
12451821001	75, PE 100, black	16	65	3	156	499 g/pc	1
12451921001	90, PE 100, black	16	69	3	181	820 g/pc	1
12452021001	110, PE 100, black	16	79	3	206	1.259 kg/pc	1
12330721001	125, PE 100, black	16	87	3	222	1.72 kg/pc	1
12452321001	160, PE 100, black	16	113	3	257	2.99 kg/pc	1
12389181001	180, PE 100, black	16	128	3	282	4.159 kg/pc	1
12389281001	225, PE 100, black	16	140	3	331	7.26 kg/pc	1
12758381001	250, PE 100, black	16	155	3	357	9.44 kg/pc	1
12389301001	280, PE 100, black	16	166	3	396	11.364 kg/pc	1
12389381001	315, PE 100, black	16	184	3	405	14.63 kg/pc	1

*1 Length L

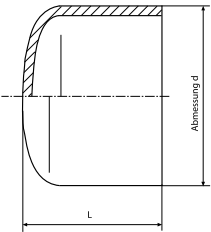
EFS end cap SDR 17

Application:
moulded part to weld with electrofusion fittings made of PE

Properties:
UV stabilized

Material:
Polyethylene 100 (PE)

Colour:
Black



Mat.-no.	Description	PN	L*1 mm	Weight kg/pc	PG pc
12797961001	355, PE 100, black	10	292	6	1

*1 Length L

SMARTFUSE T-piece

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

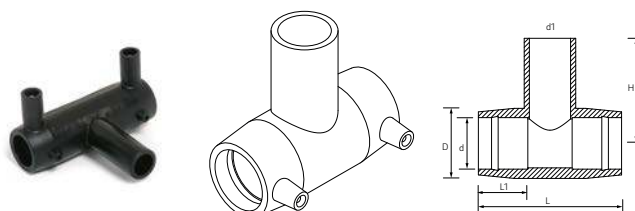
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no.	Description	PN	D mm	H mm	L ^{*1} mm	L1 mm	Weight	PG pc
12454021001	63 - 63 - 63, PE 100, black	16	82	119	166	58	434 g/pc	1
12454121001	75 - 75 - 75, PE 100, black	16	97	126	187	61	597 g/pc	1
12454221001	90 - 90 - 90, PE 100, black	16	112	137	293	71	1.115 kg/pc	1
12454321001	110 - 110 - 110, PE 100, black	16	143	160	328	72	1.965 kg/pc	1
12331221001	125 - 125 - 125, PE 100, black	16	163	177	381	85	2.2 kg/pc	1
12454421001	160 - 160 - 160, PE 100, black	16	212	206	443	86	4.7 kg/pc	1
12389601001	180 - 180 - 180, PE 100, black	16	244	250	420	104	5.3 kg/pc	1
12891471001	225 - 225 - 225, PE 100, black	16	294	290	492	120	12 kg/pc	1
12891481001	250 - 250 - 250, PE 100, black	16	326	315	538	129	15.9 kg/pc	1

*1 Length L

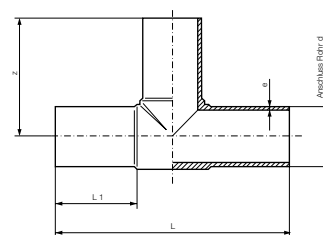
T-piece SDR 17

Application:
moulded part to weld with electrofusion fittings made of PE

Properties:
UV stabilized

Material:
Polyethylene 100 (PE)

Colour:
Black



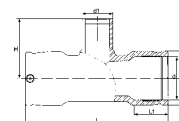
Mat.-no.	Description	z_1 mm	H mm	L^{*1} mm	L1 mm	L2 mm	Weight kg/pc	PG pc
equal								
12796161001	280 - 280 - 280, PE 100, black		308	615	132		12.98	1
12796261001	315 - 315 - 315, PE 100, black		346	695	150		17.9	1
12796361001	355 - 355 - 355, PE 100, black		410	820	165		25.6	1
reduced								
12796761001	225 - 160 - 225, PE 100, black	276	255	555	127	105	7.415	1
12796861001	225 - 180 - 225, PE 100, black	272	277	543	132	132	7.22	1

*1 Length L

SMARTFUSE T-piece, outlet reduced

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

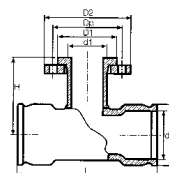
Mat.-no.	Description	PN	D mm	H mm	L ^{*1} mm	L1 mm	Weight	PG pc
12455021001	63 - 20 - 63, PE 100, black	16	82	85	166	58	365 g/pc	1
12455121001	63 - 32 - 63, PE 100, black	16	82	93	166	58	370 g/pc	1
12452121001	63 - 40 - 63, PE 100, black	16	82	104	166	58	365 g/pc	1
12452221001	63 - 50 - 63, PE 100, black	16	82	109	166	58	380 g/pc	1
12034091001	75 - 63 - 75, PE 100, black	16	97	122	195	63	596 g/pc	1
12455221001	90 - 63 - 90, PE 100, black	16	112	124	293	67	1.5 kg/pc	1
12455321001	110 - 63 - 110, PE 100, black	16	143	134	328	68	1.75 kg/pc	1
12455421001	110 - 90 - 110, PE 100, black	16	143	147	328	68	1.85 kg/pc	1
12332021001	125 - 90 - 125, PE 100, black	16	163	161	381	85	2.35 kg/pc	1
12332121001	125 - 110 - 125, PE 100, black	16	163	173	381	85	2.05 kg/pc	1
12456221001	160 - 90 - 160, PE 100, black	16	212	180	443	86	4.45 kg/pc	1
12457321001	160 - 110 - 160, PE 100, black	16	212	193	443	86	4.45 kg/pc	1
12336421001	160 - 125 - 160, PE 100, black	16	212	198	443	86	4.47 kg/pc	1
12389681001	180 - 90 - 180, PE 100, black	16	244	200	420	104	6.385 kg/pc	1
12389701001	180 - 110 - 180, PE 100, black	16	244	218	420	104	6.565 kg/pc	1
12389781001	180 - 125 - 180, PE 100, black	16	244	225	420	104	6.78 kg/pc	1
12389881001	180 - 160 - 180, PE 100, black	16	244	250	420	104	7.285 kg/pc	1
12891431001	225 - 90 - 225, PE 100, black	16	294	220	492	120	9.9 kg/pc	1
12891441001	225 - 110 - 225, PE 100, black	16	294	225	492	120	10.01 kg/pc	1
12891451001	250 - 90 - 250, PE 100, black	16	326	235	538	129	13.35 kg/pc	1
12891461001	250 - 110 - 250, PE 100, black	16	326	240	538	129	13.4 kg/pc	1

*1 Length L

SMARTFUSE T-piece, flange adapter

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- flange outlet according to DIN 2501
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

Mat.-no.	Description	PN	d	d1	d2	H	L* ¹	d _p	Weight	PG
			mm	mm	mm	mm	mm	mm	kg/pc	pc
12331321001	90 - DN 80 - 90, PE 100, black	16	112	138	200	165	293	160	2.835	1
12331421001	110 - DN 80 - 110, PE 100, black	16	143	138	200	181	328	160	3.56	1
12331521001	110 - DN 100 - 110, PE 100, black	16	143	158	220	181	328	180	4.24	1
12331621001	125 - DN 80 - 125, PE 100, black	16	163	138	200	190	381	160	4.55	1
12331721001	125 - DN 100 - 125, PE 100, black	16	163	158	220	190	381	180	5.185	1
12331821001	160 - DN 80 - 160, PE 100, black	16	212	138	200	210	443	160	6.245	1
12331921001	160 - DN 100 - 160, PE 100, black	16	212	158	220	210	443	180	6.785	1
12389901001	180 - DN 80 - 180, PE 100, black	16	244	138	200	203	420	160	7.745	1
12389981001	180 - DN 100 - 180, PE 100, black	16	244	158	220	222	420	180	8.555	1

¹ Length L

SMARTFUSE flex-elbow 0° - 24°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

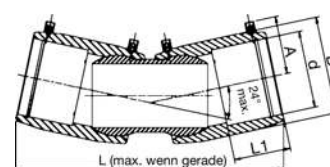
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVAL-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



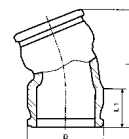
Mat.-no.	Description	PN	a mm	d mm	L*1 mm	L1 mm	Weight kg/pc	PG pc
13728811001	90, PE 100, 0-24 degree, black	16	77	116	341	72	1.45	1
12254031001	110, PE 100, 0-24 degree, black	16	83	140	362	80	2.2	1
12254041001	125, PE 100, 0-24 degree, black	16	95	157	382	87	2.55	1
12254051001	160, PE 100, 0-24 degree, black	16	114	200	456	157	4.51	1
12254061001	180, PE 100, 0-24 degree, black	16	128	223	511	107	6.53	1

*1 Length L

SMARTFUSE elbow 22.5°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

Mat.-no. °	Description	PN	D mm	L* mm	L1 mm	Weight	PG pc
22.5							
12758681001	90, PE 100, 22,5 degree, black	16	112	215	71	750 g/pc	1
12758781001	110, PE 100, 22,5 degree, black	16	143	235	72	1.123 kg/pc	1
12332221001	125, PE 100, 22,5 degree, black	16	163	273	85	1.9 kg/pc	1
12332321001	160, PE 100, 22,5 degree, black	16	199	305	86	2.83 kg/pc	1
12390801001	180, PE 100, 22,5 degree, black	16	244	387	105	3.5 kg/pc	1
45							
12455821001	63, PE 100, 45 degree, black	16	82	149	58	275 g/pc	1
12455921001	75, PE 100, 45 degree, black	16	97	165	62	437 g/pc	1
12456021001	90, PE 100, 45 degree, black	16	112	231	71	663 g/pc	1
12456121001	110, PE 100, 45 degree, black	16	143	257	72	980 g/pc	1
12332421001	125, PE 100, 45 degree, black	16	163	301	85	1.49 kg/pc	1
12456321001	160, PE 100, 45 degree, black	16	199	344	86	3.23 kg/pc	1
12390901001	180, PE 100, 45 degree, black	16	244	434	105	6.17 kg/pc	1
12254091001	225, PE 100, 45 degree, black	16	295	520	120	9.8 kg/pc	1
12254131001	250, PE 100, 45 degree, black	16	327	571	129	13.25 kg/pc	1
90							
12456921001	63, PE 100, 90 degree, black	16	82	132	58	333 g/pc	1
12457021001	75, PE 100, 90 degree, black	16	97	150	61	530 g/pc	1
12457121001	90, PE 100, 90 degree, black	16	112	203	71	800 g/pc	1
12457221001	110, PE 100, 90 degree, black	16	143	235	72	1 kg/pc	1
12332521001	125, PE 100, 90 degree, black	16	163	272	85	2.6 kg/pc	1
12457421001	160, PE 100, 90 degree, black	16	199	320	86	3.72 kg/pc	1

*1 Length L

Mat.-no. °	Description	PN	D mm	L*1 mm	L1 mm	Weight kg/pc	PG pc
12391001001	180, PE 100, 90 degree, black	16	244	413	105	7.71 kg/pc	1
12254371001	225, PE 100, 90 degree, black	16	295	497	120	1.4 kg/pc	1
12254391001	250, PE 100, 90 degree, black	16	327	548	129	16.8 kg/pc	1

*1 Length L

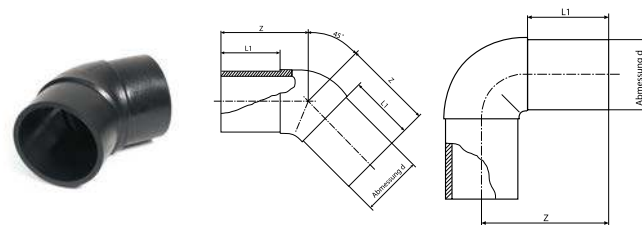
Elbow SDR 17

Application:
moulded part to weld with electrofusion fittings made of PE

Properties:
UV stabilized

Material:
Polyethylene 100 (PE)

Colour:
Black

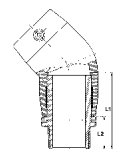


Mat.-no. °	Description	SDR	z mm	L1 mm	Weight kg/pc	PG pc
45						
12797261001	280, PE 100, 45 degree, black	17	330	140	7.49	1
12797361001	315, PE 100, 45 degree, black	17	380	150	1.41	1
90						
12797761001	280, PE 100, 90 degree, black	17	330	140	1.7	1
12797861001	315, PE 100, 90 degree, black	17	380	150	15.32	1

SMARTFUSE male elbow adapter (brass) 45°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO



Properties:

- inner welding wire to weld
- external thread according DIN 2999 made of standard brass
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$

Mat.-no. °	Description	PN	d2 mm	L*1 mm	L1 mm	L2 mm	AF	Weight	PG pc
45									
12461121001	63 - R 1 1/4, PE 100, 45 degree, black	16	48	185	97	36	70	778 g/pc	1
12461221001	63 - R 1 1/2, PE 100, 45 degree, black	16	48	185	97	36	70	778 g/pc	1
12461321001	63 - R 2, PE 100, 45 degree, black	16	48	190	102	41	70	968 g/pc	1
12466921001	75 - R 2, PE 100, 45 degree, black	16	59	206	106	41	85	968 g/pc	1
12468121001	75 - R 2 1/2, PE 100, 45 degree, black	16	59	211	111	46	85	968 g/pc	1
90									
12463421001	63 - R 1 1/4, PE 100, 90 degree, black	16	48	168	97	36	70	884 g/pc	1
12463521001	63 - R 1 1/2, PE 100, 90 degree, black	16	48	168	97	36	70	884 g/pc	1
12463621001	63 - R 2, PE 100, 90 degree, black	16	48	173	102	41	70	1.74 kg/pc	1
12439231001	75 - R 2, PE 100, 90 degree, black	16	59	191	106	41	85	1.74 kg/pc	1
12439331001	75 - R 2 1/2, PE 100, 90 degree, black	16	59	196	111	46	85	1.74 kg/pc	1

*1 Length L

SMARTFUSE male elbow adapter (PE 100) 90°

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- external thread according DIN 2999 made of PE 100
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

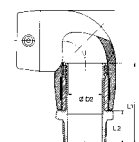
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no. °	Description	PN	L* ¹ mm	L1 mm	L2 mm	AF	Weight	PG pc
45								
12451671001	63 - R 1 1/2, PE 100, 45 degree, black	16	193	102	44	70	968 g/pc	1
12451771001	63 - R 2, PE 100, 45 degree, black	16	197	106	48	70	968 g/pc	1
90								
12452371001	63 - R 1 1/2, PE 100, 90 degree, black	16	176	102	44	70	641 g/pc	1
12452471001	63 - R 2, PE 100, 90 degree, black	16	180	106	48	70	1.74 kg/pc	1

*¹ Length L

SMARTFUSE female elbow adapter (brass)

Application:

- for pipes RAUTHERMEX cool, INSULPEX cool
- for pipes RAUGEO Sonde PE-Xa green, RAUGEO collect, RAUGEO collect plus, RAUGEO Helix XXL, RAUGEO Sonde PE-RC, RAUGEO PE Verfüllrohr
- for industrial pipes RAUPEX SDR 7.4, RAUPEX SDR 11, RAUFRIGO

Properties:

- inner welding wire to weld
- internal thread according DIN 2999 made of standard brass
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

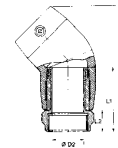
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for for RAUTHERM-FW pipes or other pipes with EVOH-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no. °	Description	PN	d2 mm	L*1 mm	L1 mm	L2 mm	AF	Weight	PG pc
45									
12462121001	63 - Rp 2, PE 100, 45 degree, black	16	48	179	91	30	70	918 g/pc	1
90									
12464521001	63 - Rp 2, PE 100, 90 degree, black	16	48	162	91	30	70	1.24 kg/pc	1

*1 Length L

SMARTFUSE branche saddle

Application:

- electrofusion fittings
- to connect the outlet to the main pipeline, which is opened up by drilling

Properties:

- inner welding wire to weld the RAUPEX-pipes and PE 63, PE 80 und PE 100 pipes in SDR 11/17
- UV stabilized
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

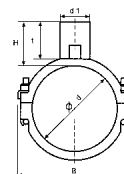
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for RAUTHERM-FW pipes or other pipes with EVAL-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no.	Description	PN	d1 mm	D mm	b mm	t mm	H mm	Length mm	Weight	PG pc
12333321001	63 - 63, PE 100, black	16	63	63	103	83	97	118	461 g/pc	1
12333721001	75 - 63, PE 100, black	16	63	75	117	83	97	118	520 g/pc	1
12334121001	90 - 63, PE 100, black	16	63	90	124	83	97	118	573 g/pc	1
12334521001	110 - 63, PE 100, black	16	63	110	145	83	97	118	635 g/pc	1
12334621001	110 - 90, PE 100, black	16	90	110	180	104	114	118	954 g/pc	1
12335021001	125 - 63, PE 100, black	16	63	125	162	87	97	118	683 g/pc	1
12335121001	125 - 90, PE 100, black	16	90	125	167	90	107	118	961 g/pc	1
12335521001	160 - 63, PE 100, black	16	63	160	178	83	97	118	787 g/pc	1
12335621001	160 - 90, PE 100, black	16	90	160	236	90	100	118	966 g/pc	1
12399701001	180 - 63, PE 100, black	16	63	180	219	87	97	118	846 g/pc	1
12399901001	225 - 63, PE 100, black	16	90	180	182	90	107	118	1.613 kg/pc	1
12750981001	250 - 63, PE 100, black	16	63	225	227	87	106	176	0.915 kg/pc	1
12751081001	180 - 90, PE 100, black	16	90	225	229	90	107	176	0.974 kg/pc	1
12751281001	225 - 90, PE 100, black	16	63	250	254	87	106	176	1.34 kg/pc	1
12751381001	250 - 90, PE 100, black	16	90	250	259	90	107	176	1.5 kg/pc	1

SMARTFUSE tapping saddle

Application:

- electrofusion fittings
- to connect the outlet to the main pipeline, the main pipeline could be under pressure

Properties:

- inner welding wire to weld the RAUPEX-pipes and PE 63, PE 80 und PE 100 pipes in SDR 11/17
- UV stabilized
- Attention: not silicone-free
- automatic recognition of welding parameters using SMARTFUSE technology

Material:

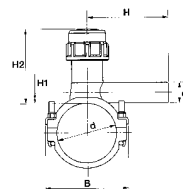
Polyethylene 100 (PE)

Colour:

Black

Note:

- Unsuitable for for RAUTHERM-FW pipes or other pipes with EVAL-coating
- Suitable for pipes SDR 11 with $d \geq 20$ and pipes SDR 17 with $d \geq 90$



Mat.-no.	Description	PN	d1	D	b	h1	h2	H	$\emptyset_{\text{drill}}^{*1}$	Weight	PG
			mm	mm	mm	mm	mm	mm	mm	kg/pc	pc
12465121001	63 - 63, PE 100, black	16	63	63	103	65	177	178	30	1.1	1
12465521001	75 - 63, PE 100, black	16	63	75	117	65	177	178	30	1.15	1
12465921001	90 - 63, PE 100, black	16	63	90	124	65	177	141	30	1.27	1
12466321001	110 - 63, PE 100, black	16	63	110	145	65	177	178	30	1.22	1
12332921001	125 - 63, PE 100, black	16	63	125	162	65	177	178	30	1.31	1
12466721001	160 - 63, PE 100, black	16	63	160	199	20	137	195	30	1.39	1
12392101001	180 - 63, PE 100, black	16	63	180	219	20	137	195	30	1.65	1
12392901001	225 - 63, PE 100, black	16	63	225	227	68	183	178	30	1.613	1
12393301001	250 - 63, PE 100, black	16	63	250	252	68	183	178	30	1.629	1

*1 diameter drill $\emptyset_{\text{drill}}$

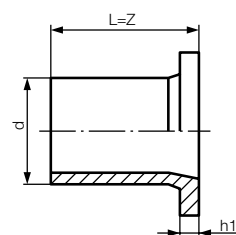
Strub flange SDR 11

Application:
for flange connections in connection with loose-type
flange and ESM socket made of PE

Properties:
UV stabilized

Material:
Polyethylene 100 (PE)

Colour:
Black



Mat.-no.	Description	PN	SDR	t ₁ mm	L ^{*1} mm	Weight g/pc	PG pc
12471621001	63, PE 100, black	16	11	14	115	212	1
12471721001	75, PE 100, black	16	11	16	130	322	1

*1 Length L

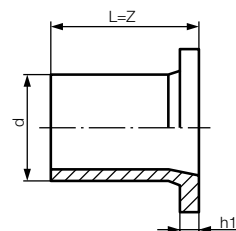
Strub flange SDR 17

Application:
for flange connections in connection with loose-type
flange and ESM socket made of PE

Properties:
UV stabilized

Material:
Polyethylene 100 (PE)

Colour:
Black



Mat.-no.	Description	PN	SDR	h1 mm	L ^{*1} mm	Weight	PG pc
12208681001	90, PE 100, black	10	17	17	140	480 g/pc	1
12208701001	110, PE 100, black	10	17	18	140	650 g/pc	1
12208761001	125, PE 100, black	10	17	25	180	950 g/pc	1
12208771001	160, PE 100, black	10	17	25	180	1.72 kg/pc	1
12794461001	180, PE 100, black	16	17	40	255	1.35 kg/pc	1
12794661001	225, PE 100, black	10	17	32	200	2.31 kg/pc	1
12794761001	250, PE 100, black	10	17	35	210	3.515 kg/pc	1
12794861001	280, PE 100, black	10	17	35	225	3.81 kg/pc	1
12794961001	315, PE 100, black	10	17	35	235	5.255 kg/pc	1
12795061001	355, PE 100, black	10	17	40	255	7.37 kg/pc	1

*1 Length L

Loose flange

Application:

for stub flange according DIN 16962/63, part 4, PN 16

Properties:

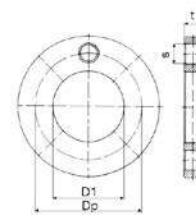
- hole pattern according DIN 2501, DN 50 to DN 150 = PN 10/16, from DN 200 = PN 10
- UV stabilized

Material:

PP glass fibre reinforced, with metal inlay

Colour:

Black



Mat.-no.	Description	PN	d1 mm	t mm	d _p mm	Weight	PG pc
12467521001	63 / DN 50	16	78	18	125	895 g/pc	1
12467621001	75 / DN 65	16	92	18	145	1.18 kg/pc	1
12467821001	90 / DN 80	16	108	20	160	1.34 kg/pc	1
12467921001	110 / DN 100	16	128	20	180	1.66 kg/pc	1
12335821001	125 / DN 100	16	135	20	180	1.47 kg/pc	1
12468221001	160 / DN 150	16	178	24	240	3.66 kg/pc	1
12793761001	180 / DN 150	16	188	24	240	3.3 kg/pc	1
12793961001	225 / DN 200	16	240	24	295	4.29 kg/pc	1
12794061001	250 / DN 250	16	288	30	350	7.315 kg/pc	1
12794161001	280 / DN 250	16	294	30	350	7.15 kg/pc	1
12794261001	315 / DN 300	16	338	34	400	9.44 kg/pc	1
12794361001	355 / DN 350	16	376	39	460	15.495 kg/pc	1

Gasket NBR

Application:

profile sealing with metal inlay according EN 1514-1 made of NBR

Properties:

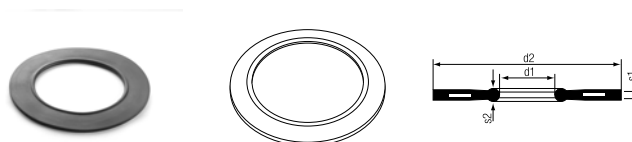
- suitable for PE-PE-, PE-ST- and PE-GGG-flange connections
- temperature range: -20 °C to +70 °C

Material:

NBR with metal inlay

Colour:

Black



Mat.-no.	Description	PN	d1 mm	d2 mm	S ₁ mm	S ₂ mm	Weight g/pc	PG pc
12891231001	75/ DN 65, NBR, PN 10 - 40, black	10-40	77	127	4	5	51	1
12891241001	90/ DN 80, NBR, PN 10 - 40, black	10-40	89	142	4	5	60	1
12891251001	110/ DN 100, NBR, PN 10 - 16, black	10-16	115	162	5	6	81	1
12891261001	125/ DN 100, NBR, PN 10 - 16, black	10-16	115	162	5	6	90	1
12891271001	160/ DN 150, NBR, PN 10 - 16, black	10-16	169	218	5	6	140	1
12891281001	180/ DN 150, NBR, PN 10 - 16, black	10-16	169	218	6	8	150	1
12891291001	225/ DN 200, NBR, PN 10 - 16, black	10	220	273	6	8	180	1
12891311001	250/ DN 250, NBR, PN 10, black	10	273	328	6	8	205	1
12891331001	280/ DN 250, NBR, PN 10, black	10	273	328	6	8	214	1
12891341001	315/ DN 300, NBR, PN 10, black	10	324	378	6	8	234	1
12891351001	355/ DN 350, NBR, PN 10, black	10	356	438	7	10	260	1



08 Tools

Electrofusion socket and compression sleeve jointing

08.01 Tools and accessories

Welding machine SMARTFUSE 355 BT

Application:
welding machine for automatic welding of REHAU electro-
fusion joint for dimensions 20 - 355

- Properties:
- current 230 V
 - connectable via Bluetooth



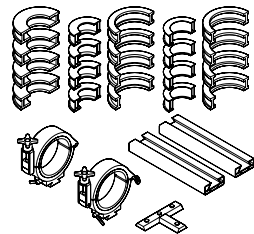
Mat.-no.	Description	Weight	PG
		kg/pc	pc
13230411001	SMARTFUSE 355 BT	16.4	1

Universal pipe clamp 63 - 180 mm

Application:
to secure the electrofusion joint connection of dimension
63 - 180 mm during the welding process

Properties:
for straight connections, reduction as well 90° and
45°-moulded parts and fittings

- Components:
- 2 clamping element d = 180 mm with reduction to 160-125-110-90-75-63 mm
 - 2 basis brackets
 - 1 T-adapter
 - 1 tool kit
 - Transport box



Mat.-no.	Description	Weight	PG
		kg/pc	pc
12254451001	for dimensions 63 - 180 mm	16.3	1

Clamping element for universal pipe clamp 63 - 180 mm

Application:

for reduction to the required dimension with the universal pipe clamp 63 - 180 mm (mat.no. 12254451001)

Components:

one clamping element consists of two half shells

Colour:

Black



Mat.-no.	Description	Weight kg/pc	PG pc
13272021001	125 - 63	0.2	1
16851121001	160 - 75	0.34	1
16851131001	125 - 90	0.15	1
16851141001	160 - 110	0.28	1
16851151001	180 - 125	0.37	1
16851161001	180 - 140	0.32	1
16851171001	180 - 160	0.27	1

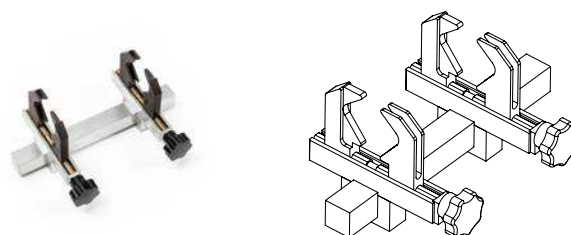
Universal pipe clamp 20 - 63 mm

Application:

to secure the electrofusion joint connection of dimension 20 - 63 mm during the welding process

Properties:

only for straight connections and reductions



Mat.-no.	Description	Weight kg/pc	PG pc
12136371001	for dim. 20 - 63 mm	1.32	1

Universal angle bracket pipe clamp 20 - 63

Application:

to secure the electrofusion joint connection of dimension 20 - 63 mm during the welding process

Properties:

for straight, 45° and 90° connections and reductions



Mat.-no.	Description	Weight kg/pc	PG pc
14307611001	for dimension 20 - 63	3.4	1

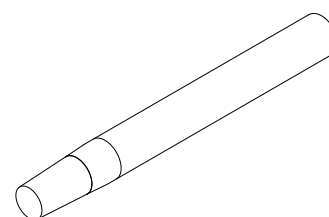
Special cleaner for PE-X

Application:

to pretreat and clean the pipes and moulded parts made of PE or PE-X before welding



Mat.-no.	Description	Weight g/pc	PG pc
11802711001	bottle	900	1
12336521001	cleaning cloths	350	1

FUSAPEX marking pen

Mat.-no.	Description	Weight g/pc	PG pc
13278061001	Silver-metallic	20	1

Hole saw for socket clamp

Application:

for tapping the pipeline through the spigot of the SMART-FUSE spigot clamp



Mat.-no.	Description	Weight kg/pc	PG pc
14848311001	90 / DN 80	1.02	1

Hole saw for threaded clamp

Application:

for tapping the pipeline through the 2 inch internal thread of the SMARTFUSE threaded clamp

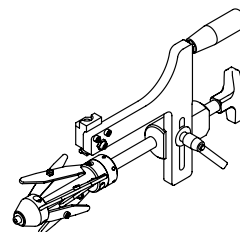


Mat.-no.	Description	Weight kg/pc	PG pc
14848351001	2 Inch	3.24	1

Pipe peeler SMARTFUSE UNO

Application:

to remove the PE coat of REHAU electrofusion socket connections for dimension 63 - 200

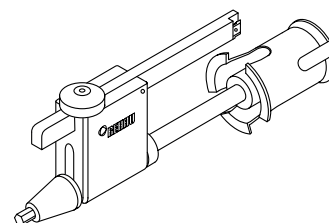


Mat.-no.	Description	Weight kg/pc	PG pc
13230361001	63 - 200	4.4 kg/pc	1
13267601001	Replacement blade for SMARTFUSE UNO	10 g/pc	1

Pipe peeler SMARTFUSE DUO

Application:

- to remove the PE coat of REHAU electrofusion socket connections for dimension 25 - 75 SDR 11
- suitable for peeling DUO pipes or for small distances to other components



Mat.-no.	Description	Weight kg/pc	PG pc
13298071001	25 - 75	1.8 kg/pc	1
13282481001	Replacement blade for SMARTFUSE DUO	10 g/pc	1

Hand pipe scraper

Application:

to remove leftovers of the PE coat of REHAU electrofusion socket connections



Mat.-no.	Description	Weight g/pc	PG pc
12465441001	64 mm	126	1

Hexagonal drill 12 mm

Application:

1/2 square drive for REHAU drilling clamps



Mat.-no.	Description	Weight g/pc	PG pc
12223141001	12 mm	266	1

Squeeze-off tool set 20 – 63 mm

Application:

Tool set for provisional and temporary squeezing of PE-Xa pipes in the dimensions 20 63 mm SDR 11

Components:

- Transport box
- Squeeze-off tool 20 - 63 mm SDR 11
- Re-rounding clamp 32/40 mm SDR 11
- Re-rounding clamp 50/63 mm SDR 11



Mat.-no.	Description	Weight kg/pc	PG pc
16851211001	20 - 63 SDR 11	8.1	1

Squeeze-off tool 63 - 180 mm

Application:

for temporary squeezing of PEXa pipes of district heating networks in operation for installation of subsequent house connections or further construction of existing main pipe-lines



Mat.-no.	Description	Weight kg/pc	PG pc
16851221001	63 - 180 SDR 11	35.2	1

Re-rounding clamps

Application:

Re-rounding clamps for PE-Xa pipes SDR 11

Properties:

Nut size M12 (wrench size 19)



Mat.-no.	Description	Weight kg/pc	PG pc
16851241001	75 SDR 11	4.5	1
16851251001	90 SDR 11	5.8	1
16851261001	110 SDR 11	6.8	1
16851271001	125 SDR 11	7.4	1
16851281001	140 SDR 11	8.2	1
16851291001	160 SDR 11	8.9	1

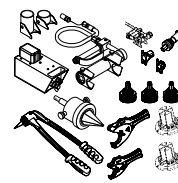
RAUTOOL Industry battery-hydraulic, dim. 20-110 (SDR11)

Application:

compression sleeve tool with hydraulic aggregate
battery-hydraulic for the dimensions 20 - 110 mm

Components:

- Basic tool G2 incl. Li-ion battery (18 V/3,0 Ah)
- Thrust cylinder G made of stainless steel incl. hydraulic pipe 4 m
- Thrust cylinder G 12 - 40 mm incl. hydraulic pipe 4 m
- expanding mandrel G
- Clamping Jaw G 50 and G 63
- Expander head G: 50 x 4,6; 63 x 5,8
- Clamping jaw 20/25 and 32/40
- Expander head QC: 20 x 1,9; 25 x 2,3; 32 x 2,9
- expander bit 40 x 3,7
- Charging station (for RAUTOOL battery 18 V)
- Pipe cutter 40
- Pipe cutter 63
- expander pliers QC
- lubricants and cleaning brush
- Operating instructions
- Box



Mat.-no.	Description	Weight	PG
		kg/pc	pc
13149861001	20 - 110, accu-hydraulic	40	6

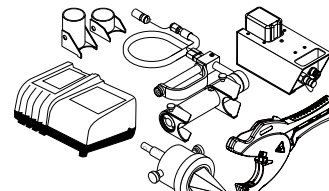
RAUTOOL G2 battery-hydraulic, dim. 40 - 110

Application:

compression sleeve tool with hydraulic aggregate
battery-hydraulic for the dimensions 40 - 110 mm, with
optional accessories

Components:

- Basic tool G2 incl. Li-ion battery (18 V/3,0 Ah)
- Thrust cylinder G made of stainless steel incl. hydraulic pipe 4 m
- expanding mandrel G
- Clamping Jaw G 50 and G 63
- Charging station (for RAUTOOL battery 18 V)
- Pipe cutter 63
- Operating instructions
- Box



Mat.-no.	Description	Weight	PG
		kg/pc	pc
13149851001	40 - 110, accu-hydraulic	30.1	1

RAUTOOL accu 18 V/3,0 Ah

Application:
for RAUTOOL G2



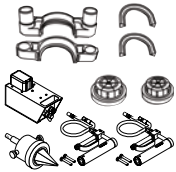
Mat.-no.	Description	Weight	PG
		g/pc	pc
12036231001	18 V/ 3,0 Ah	650	1

RAUTOOL G2 XL for dim. 125, 140, 160, battery-hydraulic

Application:
compression sleeve tool with hydraulic aggregate
battery-hydraulic for the dimensions 125 and 160 mm,
with optional additional set 140 mm

Components:

- Basic tool G2 XL incl. Li-ion battery (36 V/2,6 Ah)
- 2x Thrust cylinder G made of stainless steel incl. hydraulic pipe 4 m
- expanding mandrel G
- Clamping Jaw G 160
- Charging station (for RAUTOOL battery 36 V/2,6 Ah)
- reduction set 125 for clamping jaw G 160
- Expander head: 125 x 11,4 and 160 x 14,6
- Y-junction
- deburrer
- Operating instructions
- 2x Box



Mat.-no.	Description	Weight	PG
		kg/pc	pc
13149841001	125 / 140 / 160, accu-hydraulic	77.6	1

RAUTOOL accu 36V/2,6Ah

Application:
for RAUTOOL G2 XL



Mat.-no.	Description	Weight	PG
		g/pc	pc
13153011001	36 V / 2.6 Ah, G XL	650	1

Supplementary hydraulic 75 - 110

Application:

accessory for compression sleeve tool

Components:

- Clamping Jaw G 75
- Clamping Jaw G 90
- Clamping Jaw G 110
- Expander head G: 75 x 6,8
- Expander head G: 90 x 8,2
- Expander head G: 110 x 10
- Pipe cutter 50 - 125
- Box



Mat.-no.	Description	Weight kg/pc	PG pc
11378251001	75 - 110	30.1	1

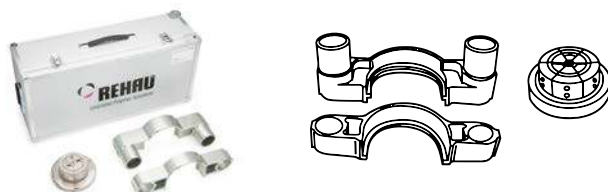
Supplementary hydraulic 140

Application:

accessory for compression sleeve tool

Components:

Box



Mat.-no.	Description	Weight kg/pc	PG pc
12062591001	140 , hydraulic	17	1

Clamping Jaws G for RAUTOOL G2

Application:

Clamping jaws G suitable RAUTOOL G2

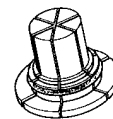


Mat.-no.	Description	Color	SDR	Weight kg/pc	PG pc
12018021001	G 40	black	7.4 and 11	2.41	1
11376241001	G 50	yellow-gold	7.4 and 11	2.61	1
11376341001	G 63	yellow-gold	7.4 and 11	3.08	1
11376441001	G 75	yellow-gold	11	3.43	1
11376541001	G 90	yellow-gold	11	3.68	1
11376641001	G 110	yellow-gold	11	3.74	1

Expander heads G for RAUTOOL G2

Application:

Expander head G suitable for RAUTOOL G2



Mat.-no.	Description	SDR	Weight kg/pc	PG pc
11398811001	G 40 x 5.5	7.4	0.54	1
11398911001	G 50 x 6.9	7.4	0.59	1
11399011001	G 63 x 8.6	7.4	0.71	1
11384631001	G 40 x 3.7	11	0.59	1
11374241001	G 50 x 4.6	11	0.67	1
11374341001	G 63 x 5.8	11	0.67	1
11375841001	G 75 x 6.8	11	2.03	1
11376041001	G 90 x 8.2	11	3.14	1
11376141001	G 110 x 10	11	5.58	1

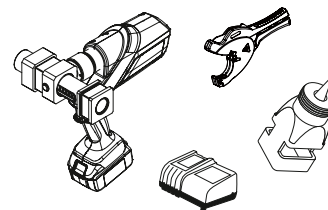
RAUTOOL A5, battery-hydraulic

Application:

compact compression sleeve tool, battery-hydraulic (Li-Ion-battery) with optional accessories, applicable for the dimensions 40 - 75

Components:

- basic tool RAUTOOL A5 incl. Li-ion battery (18 V/4,0 Ah)
- Charging station
- expander adapter 20°
- lubricants and cleaning brush
- Pipe cutter 63
- Operating instructions
- Box



Mat.-no.	Description	Weight kg/pc	PG pc
13170451001	40 - 75, akku-hydraulic	15.4	1

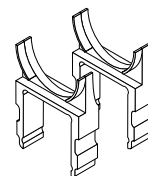
Sliding fork clamping jaws RAUTOOL A5

Application:

sliding fork clamping jaw, suitable for the battery-hydraulic compression sleeve tool RAUTOOL A5

Properties:

to press the dimensions 40, 50, 63 and 75 for SDR7,4 or SDR11



Mat.-no.	Description	SDR	Weight kg/pc	PG pc
13174351001	40, suitable for RAUTOOL A5	7.4 and 11	2.1	1
13174361001	50, suitable for RAUTOOL A5	7.4 and 11	1.1	1
13174371001	63, suitable for RAUTOOL A5	7.4 and 11	1.11	1
13174381001	75 for RAUTOOL A5	7.4 and 11	1.41	1

RAUTOOL Xpand big, battery-hydraulic

Application:

compact expander tool (Li-Ion battery) with quick-change unit and optional accessories, can be used for dimensions 40 - 75 mm

Components:

- basic tool RAUTOOL Xpand big incl. Li-Ion-battery (18 V/4,0 Ah)
- lubricants and cleaning brush
- Operating instructions
- Box

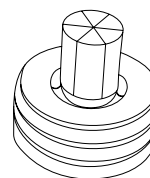


Mat.-no.	Description	Weight kg/pc	PG pc
11066341001	40 - 75 mm	5.5	1

Expander head for RAUTOOL A5 + RAUTOOL Xpand big

Application:

Expander heads with quick-change unit, exclusively suitable for RAUTOOL A5, RAUTOOL Xpand big



Mat.-no.	Description	Color	SDR	Weight kg/pc	PG pc
10011341001	40 x 5.5 suitable for A5 and Xpand big	blue	7.4	0.72	1
10011351001	50 x 6.9 for A5 and Xpand big	blue	7.4	1	1
10011371001	63 x 8.6 for A5 and Xpand big	blue	7.4	1.12	1
10011391001	40 x 30.7 suitable for A5 and Xpand big	red	11	0.85	1
10011421001	50 x 4.6 suitable for A5 and Xpand big	red	11	1.1	1
10011431001	63 x 5.8 suitable for A5 and Xpand big	red	11	1.12	1
10011441001	75 x 6.8 for A5 and Xpand big	red	11	1.63	1

RAUTOOL accu 18 V / 4.0 Ah

Application:

- for RAUTOOL A5
- for RAUTOOL Xpand big



Mat.-no.	Description	Weight kg/pc	PG pc
13175001001	18 V / 4.0 Ah, for A5 and Xpand big	0.65	1

RAUTOOL A-light3 QC

Application:

compact and light, battery-hydraulic compression sleeve tool (Li-Ion-battery), with optional accessories in dimensions 16 - 40

Properties:

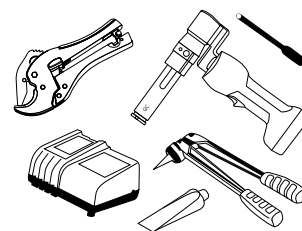
- Compact bar design with 2-component housing with protective bumper
- with Quick Change (QC) for a faster expander head change
- Yoke sets QC with colour coding and symbols
- 360° rotating cylinder
- LED workspace lighting
- Closed housing, protection class IP44
- Quick start function
- Diagnose LED
- Overheating protection

Components:

- Basic tool A-light3 QC incl. Li-ion battery (18 V/1,3 Ah)
- Charging station (for RAUTOOL battery 18 V)
- expander pliers QC
- lubricants and cleaning brush
- Pipe cutter 40
- Operating instructions
- Box

Note:

- Only in conjunction with QC and QC1 expander heads
- Full compatibility with the predecessor model A-light2 for battery and charger
- Use in combination with FASTLOC from 01.05.2025



Mat.-no.	Description	Weight kg/pc	PG pc
11094991001	NEW RAUTOOL A-light3 QC	7.9	1

Case A-light3 QC

Application:

Additional case for tool accessories

Colour:

black, with handle and clips in red

Note:

not compatible with the A-light2 case



Mat.-no.	Description	Weight kg/pc	PG pc
10017621001	Supplementary case A-light3 QC (empty)	1.2	1

RAUTOOL accu 18 V/1,5 Ah

Application:

- for RAUTOOL A-light2
- for RAUTOOL A-light3 QC
- for RAUTOOL Xpand QC
- for RAUTOOL Xpand2 QC
- for RAUTOOL Xpress2



Properties:

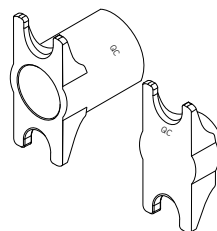
with innovative Quick Change (QC) system for quick and easy yoke changes

Mat.-no.	Description	Weight g/pc	PG pc
12036191001	18 V / 1,5 Ah	380	1

Jaws QC for TITAN, SDR 7.4

Application:

Clamping Jaws QC suitable for the cordless tools
RAUTOOL A-light3 QC

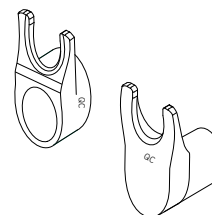


Mat.-no.	Description	Weight	PG
		g/pc	pc
10015961001	NEW Jaw hydr.16/20 QC	480 g/pc	1
10015971001	NEW jaws hydr.17(16)/20 QC	0.48 kg/pc	1
10016031001	NEW jaw hydr.25/32 QC	750 g/pc	1

Jaws QC for TITAN single

Application:

Clamping Jaws QC suitable for the cordless tools
RAUTOOL A-light3 QC



Mat.-no.	Description	Weight kg/pc	PG pc
10016071001	NEW jaws hydr.40 QC	2.41	1

Clamping Jaws for RAUTOOLA-light2

Application:

- Clamping Jaws suitable for the cordless tools RAUTOOL A-light2
- to install the permanently tight connection technology compression sleeve



Mat.-no.	Description	Color	Weight	PG pc
11393611002	16 x 2.2 / 20 x 2.8	yellow-gold	480 g/pc	1
12590491002	17 (16) / 20 (SDR 11)	yellow-gold	0.48 kg/pc	1
12572591002	25/32	yellow-gold	750 g/pc	1

Clamping Jaws for RAUTOOLA-light2

Application:

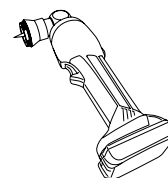
- Clamping Jaws suitable for the cordless tools RAUTOOL A-light2
- to install the permanently tight connection technology compression sleeve

Mat.-no.	Description	Color	Weight g/pc	PG pc
12018011001	40	black	710	1

RAUTOOL Xpand2 QC, battery-hydraulic

Application:

Compact and lightweight battery expander (Li-Ion battery) with Quick Change interface, with optional accessories in the 16-40 mm size range



Properties:

- Compact bar design with 2-component housing with protective bumper
- LED workspace lighting
- Closed housing, protection class IP44
- Quick start function
- Diagnose LED
- Overheating protection

Components:

- basic tool Xpand2 QC incl. Li-ion battery (18 V/1,5 Ah)
- lubricants and cleaning brush
- Operating instructions
- Box

Note:

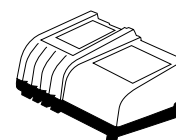
- Only in conjunction with QC and QC1 expander heads
- Full compatibility with the predecessor model A-light2 for battery and charger

Mat.-no.	Description	Weight kg/pc	PG pc
10017631001	NEW RAUTOOL Xpand2 QC	1.65	1

RAUTOOL charger

Application:

- for RAUTOOL A-light2
- for RAUTOOL A-light3 QC
- for RAUTOOL Xpand QC
- for RAUTOOL Xpand2 QC
- for RAUTOOL A5
- for RAUTOOL Xpand big
- for RAUTOOL Xpress2



Mat.-no.	Description	Weight kg/pc	PG pc
12036091001	230 V, for batteries 18 V	0.97	1

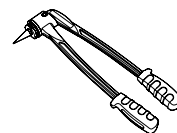
Expander plier Quick Change (QC)

Application:

expander plier QC black anodised with a grey handle

Properties:

- with Quick Change (QC) for a faster expander head change
- by additional threaded body expander heads of system RO could be screwed on



Mat.-no.	Description	Weight g/pc	PG pc
12141761001	REHAU Manual expander QC	790	1

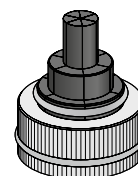
Expander head QC

Application:

Expander heads with bayonet catch for a quick dimension change

Note:

Expander head only use with: Expander plier (QC),
Universal expander bit QC, RAUTOOL Xpand QC

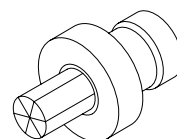


Mat.-no.	Description	Type	Color	SDR	Weight	PG pc
12141711001	20 x 2.8 QC	QC	blue	7.4	0.17 kg/pc	1
12141721001	25 x 3.5 QC	QC	blue	7.4	0.18 kg/pc	1
12141751001	32 x 4.4 QC	QC	blue	7.4	0.2 kg/pc	1
11315651001	20 x 1.9 / 20 x 2.0 QC	QC	red	11	170 g/pc	1
11315671001	25 x 2.3 QC	QC	red	11	190 g/pc	1
11315681001	32 x 2.9 QC	QC	red	11	210 g/pc	1

Expander head 40 for RAUTOOL Xpand QC

Properties:

only use with: RAUTOOL Xpand QC



Mat.-no.	Description	Color	SDR	Weight kg/pc	PG pc
12093921001	40 x 3.7	red	11	0.69	1
12093931001	40 x 5.5	blue	7.4	0.66	1

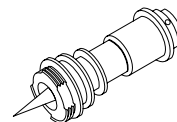
Universal expanderbit Quick Change (QC)

Application:

- to use with the quick change system for dimensions 25 and 32 to change the dimension quick
- for RAUTOOL A-light2
- for RAUTOOL A-light3 QC

Properties:

by additional threaded body expander heads of system RO for dimensions 25 and 32 could be screwed on



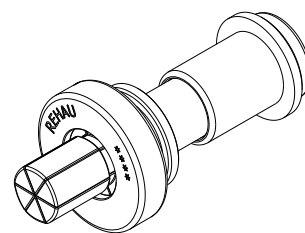
Mat.-no.	Description	Weight g/pc	PG pc
12174691001*1	25/32 QC	600	1

*1 available until April 2025

Expander bit Quick Change (QC)

Application:

- for hydraulic expanding of PE-X-pipes
- for RAUTOOL A-light2
- for RAUTOOL A-light3 QC



Mat.-no.	Description	Color	SDR	Weight kg/pc	PG pc
11383231001	40 x 3.7	red	11	1.4	1
12446111001	40 x 5.5	blue	7.4	1.14	1

Lubricant

Application:

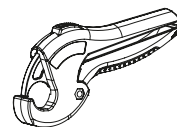
for socket coupler connection



Mat.-no.	Description	Volume ml	Weight g/pc	PG pc	PG pc
11280011001	250 ml, for push-fit connection	250	284	42	1680
11280021001	500 ml, for push-fit connection	500	534	20	880

Pipe scissors 25

Application:
for a burr-free cutting of polymer pipes up to dimension 25

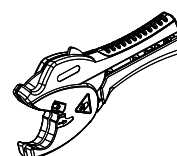


Mat.-no.	Description	Weight kg/pc	PG pc
11374951002	25	0.15	1

Pipe scissors 40

Application:

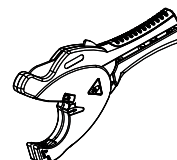
- for a burr-free cutting of polymer pipes up to dimension 40
- for a burr-free cutting of metal-polymer composite pipes dimension from 25 to 40



Mat.-no.	Description	Weight g/pc	PG pc
13152421001	Pipe cutter 40	432	1

Pipe scissors 63

Application:
for a burr-free cutting of polymer pipes for dimensions 40, 50 and 63

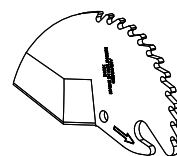


Mat.-no.	Description	Weight g/pc	PG pc
11315581001	63	600	1

Spare cutter

Application:

Replacement blade for pipe shear

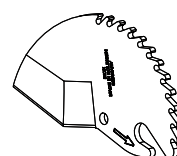


Mat.-no.	Description	Weight	PG
		g/pc	pc
13152431001	spare blade f. cutter 40	60	1

Spare cutter

Application:

Replacement blade for pipe shear

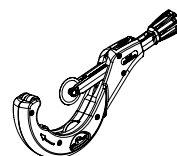


Mat.-no.	Description	Weight	PG
		g/pc	pc
11315571001	for pipe cutter 63 mm	130	1

Pipe cutter 50 - 125

Application:

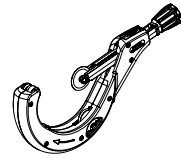
for a burr-free cutting of polymer pipes for dimensions 50 - 125



Mat.-no.	Description	Weight	PG
		kg/pc	pc
13152391001	for 50 - 125	1.64	1

Pipe cutter

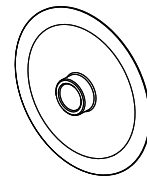
Application:
for a burr-free cutting of polymer pipes



Mat.-no.	Description	Weight kg/pc	PG pc
13152401001	for 110 - 160	1.85	1

Spare cutter

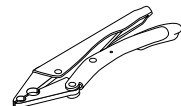
Application:
Spare cutting wheel for pipe cutter



Mat.-no.	Description	Weight kg/pc	PG pc
13152411001	spare blade f.50-125/160	0.01	1

Pipe wrench

Application:
to fix the insulation or the wave pipe while making
compression sleeve connection



Mat.-no.	Description	Weight kg/pc	PG pc
11372341001	16 / 17 / 20	0.51	1

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