

CATALOGUE 9.0

Hoses

9.1.0

PVC-/Rubber hoses



9.2.0

Cover hose



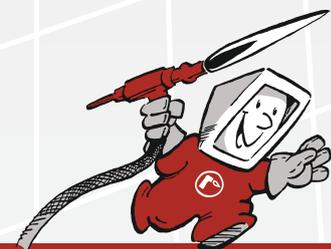
9.3.0

Shrink tubes



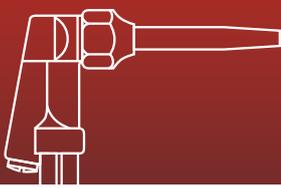
9.4.0

Well hoses



05/2013





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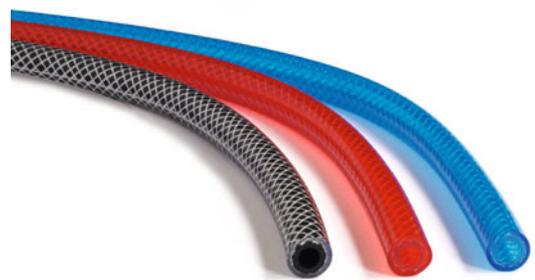
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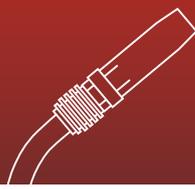
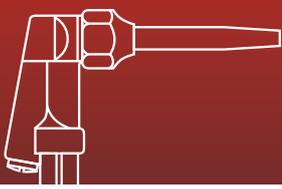
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9.1.0

PVC Hoses
Rubber Hoses
Silicon hoses
Autogenous hoses





9.1.1.1 Hose, PVC



PVC Hoses without tissue inlay

Description: Suitable for the flow of protective gas with free exit

Construction: Soft PVC hose inside and outside smooth, Shore hardness A 75 ± 5

Temperature resistance: -10 °C upto +60 °C

Working temperature: 0 °C upto +60 °C

Properties: High flexibility, good chemical resistance, tolerances DIN 16940

Color: black covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Working press. (bar)	Burst press. (bar)	Order number
Hose, PVC 3x5, black	100 m	3 mm	5 mm	1 mm	–	–	855120305
Hose, PVC 4x7, black	100 m	4 mm	7 mm	1.5 mm	–	–	855120407



Hose, PVC, Tissue 9.1.1.2



PVC hoses with tissue interweaving

Description: Suitable for the flow of protective gases (black) for water exit (coolant, blue) or water return hose (hot water, red)

Construction: PVC hose with pressure protection. As reinforcement material 2 layers of tear resistant material serve synthetic garn. Shore hardness ca. 80 °C inner, ca. 75 °C outer

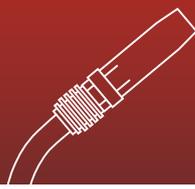
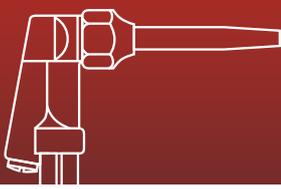
Temperature resistance: -20 °C upto +65 °C

Working temperature: 0 °C upto +60 °C

Properties: good flexibility, good tissue tightness, in and outside smooth, tolerances to DIN 16940

Color: Blue, inner/outside transparent
Red, inner/outside transparent
Black, inner, outside transparent

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Working press. max. (bar)	Burst press.(bar)	Order number
Hose, PVC, 4x7, blue	100 m	4 mm	7 mm	1.5 mm	7	28	855120407B
Hose, PVC, 4x7, red	100 m	4 mm	7 mm	1.5 mm	7	28	855120407R
Hose, PVC, 4x7, black	100 m	4 mm	7 mm	1.5 mm	7	28	855120407S
Hose, PVC, 5x8, blue	100 m	5 mm	8 mm	1.5 mm	8	32	855120508B
Hose, PVC, 5x8, red	100 m	5 mm	8 mm	1.5 mm	8	32	855120508R
Hose, PVC, 5x8, black	100 m	5 mm	8 mm	1.5 mm	8	32	855120508S
Hose, PVC, 6x9, blue	100 m	6 mm	9 mm	1.5 mm	7	28	855120609B
Hose, PVC, 6x9, red	100 m	6 mm	9 mm	1.5 mm	7	28	855120609R
Hose, PVC, 6x9, black	100 m	6 mm	9 mm	1.5 mm	7	28	855120609S
Hose, PVC, 6x12, transparent	100 m	6 mm	12 mm	3 mm	15	60	855120612K
Hose, PVC, 6x12, blue	100 m/450 m	6 mm	12 mm	3 mm	15	60	855120612B
Hose, PVC, 6x12, red	100 m/450 m	6 mm	12 mm	3 mm	15	60	855120612R
Hose, PVC, 6x12, black	100 m/450 m	6 mm	12 mm	3 mm	15	60	855120612S
Hose, PVC, 7x10, black	100 m	7 mm	10 mm	1.5 mm	6	24	855120710S
Hose, PVC, 8x12, black	100 m/450 m	8 mm	12 mm	2 mm	8	40	855120812S
Hose, PVC, 9x13, blue	100 m/450 m	9 mm	13 mm	2 mm	7	28	855120913B
Hose, PVC, 9x13, red	100 m/450 m	9 mm	13 mm	2 mm	7	28	855120913R
Hose, PVC, 9x13, black	100 m	9 mm	13 mm	2 mm	7	28	855120913S
Hose, PVC, 10x14, black	100 m	10 mm	14 mm	2 mm	8	32	855121014S



9.1.2.1 Hose, Rubber



Rubber Hoses with tissue interlace

Description: suitable for the flow of protective gases (black) and water supply hose (coolant, blue) and water return hose (hot water, red or red/black)

Construction: EPDM hose with glued textile interlacing, Shore hardness A ca. 70°

Temperature resistance: -30 °C upto +75 °C

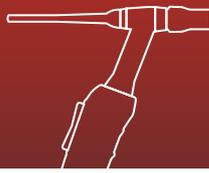
Working temperature: -20 °C upto +65 °C

Break through strength: ca. 10 kv/mm

Properties: very flexible, good chemical resistance

Color: rubber black with blue/red/black or red/black tissue interlace

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Working press. (bar)	Burst press(bar)	Order number
Hose, Rubber, 4x6, blue	100 m/250 m	4 mm	6–7 mm	1 mm	10	25	855130406B
Hose, Rubber, 4x6, red	100 m/250 m	4 mm	6–7 mm	1 mm	10	25	855130406R
Hose, Rubber, 4x6, black	100 m/250 m	4 mm	6–7 mm	1 mm	10	25	855130406S
Hose, Rubber, 5x8, blue	100 m/250 m	5 mm	8–9 mm	1.5 mm	10	25	855130508B
Hose, Rubber, 5x8, red	100 m/250 m	5 mm	8–9 mm	1.5 mm	10	25	855130508R
Hose, Rubber, 5x8, black	100 m/250 m	5 mm	8–9 mm	1.5 mm	10	25	855130508S
Hose, Rubber, 6x9, black/red	100 m/250 m	6 mm	9–10 mm	1.5 mm	10	25	855130609SR
Hose, Rubber, 7x10, black/red	100 m/250 m	7 mm	10–11 mm	1.5 mm	10	25	855130710SR
Hose, Rubber, 8x12, black/red	100 m/250 m	8 mm	12–13 mm	2 mm	10	25	855130812SR
Hose, Rubber, 9x13, black/red	100 m/250 m	9 mm	13–14 mm	2 mm	10	25	855130913SR
Hose, Rubber, 10x14, black/red	100 m/250 m	10 mm	14–15 mm	2 mm	10	25	855131014SR



Rubber hose, TIG-Cable

Description: Suitable for conducting inert gases or as cooling water hose or power water cable.

Construction: 2-layer EPDM hose with pressure carrier. Highly resistant, tear-resistant synthetic yarns are used as reinforcement material. Shore hardness ca. 75 °C, outside

Temperature resistance: -30 °C upto +75 °C

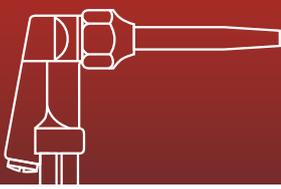
Working temperature: -20 °C upto +65 °C

Break through strength: ca. 10 kV/mm

Properties: flexibel, very robust, high reinforcement density, smooth inside and outside

Color: Black inside/outside covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Working press. (bar)	Burst press.(bar)	Order number
Hose, Rubber, 8x13, black	100 m	8 mm	13 mm	2.5 mm	12	40	85513B0813
Hose, Rubber, 9x14, black	100 m	9 mm	14 mm	2.5 mm	12	40	85513B0914



9.1.2.3 Hose, Rubber, for compressed air and gas hose acc. EN ISO 3821



Rubber hoses with tissue interlace nach EN ISO 3821

Discription: suitable for passage of protective gases (Argo/Nitrogen/CO₂) and all not flammable gases and compressed air. The hose corresponds with the newest stand of EN/ISO 3821 and offers therfore a maximum work safety.

Construction: 2 layers EPDM with pressure reinforcement. As reinforcement servs high resistant tearproof synthetic garn. Shore hardness ca. 80 °C, outside

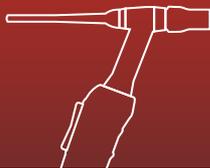
Temperature resistance: -30 °C upto +75 °C

Working temperature: -20 °C upto +65 °C

Properties: Flexibel, robust, resistant to aging and weathering, tear proof, insensitive for ozone and UV radiance, non porous EPDM layer inside and outside

Color: Black inside/outside covered

Article description	Roll length	Ø inner	Ø outer	Wall thick-ness	Working press. (bar)	Burst press(bar)	Order number
Hose, Rubber, 6x13, black	100 m	6 mm	13 mm	3.5 mm	20	54	85513P0613S
Hose, Rubber, 9x16, black	100 m	9 mm	16 mm	3.5 mm	20	54	85513P0916S



Twin hoses, rubber, Acetylene/Oxygen and Propane/Oxygen acc. DIN EN ISO 3821/EN559

9.1.2.4



Twin hoses for Acetylene/Oxygen or Propane/Oxygen acc. DIN EN ISO 3821/EN 559

Description: Suitable for conveying inert gases (argon/nitrogen/CO₂) or all nonflammable gases and compressed air. The hose complies with the latest standards according to DIN EN ISO 3821/EN 559 and thus offers a maximum of occupational safety.

Construction: 2-layer EPDM hose with pressure carrier. Highly resistant, tear-resistant synthetic yarns are used as reinforcement material. Shore hardness ca. 80 °C, outside

Temperature resistance: -30 °C upto +75 °C

Working temperature: -20 °C upto +65 °C

Properties: Flexibel, robust, resistant to aging and weathering, abrasion-resistant, insensitive to ozone and UV radiation, non-porous smooth EPDM layer inside and outside

Color: Black inside/outside coloured covered

Article description	Roll length m	Ø inner mm	Ø outer mm	Wall thickness mm	Working press. (bar)	Burst press. (bar)	Order number
Twin hose, Ace/Oxi, 9x16	40	9/6	16/16	3.5/5,0	20	60	8551393565/A
Twin hose, Pro/Oxi, 9x16	40	9/6	16/16	3.5/5.0	20	60	8551393565/P
Twin hose, Ace/Oxi, 6x13	40	6/6	13/13	3.5/3.5	20	60	85513635635/A
Twin hose, Pro/Oxi, 6x13	40	6/6	13/13	3.5/5.0	20	60	85513635635/P

9.1.2.5 Autogenous hoses, rubber, Acetylene, Propane and Oxigene acc. DIN EN ISO 3821/EN559



Autogenous hoses, rubber, Acetylene, Propane and Oxigen acc. DIN EN ISO 3821/EN559

Discription: Suitable for passage of protective gases (argon/nitrogen/CO₂) or all not flammable gases and compressed air. The hose corresponds with the latest version od DIN/ISO/EN 3821 and EN559 and offers the utmost safety.

Construction: EPDM hose with 2 layers reinforcement. As reinforcement material is used tear proof, resistant synthetic garn. Shore hardness ca. 80 °C, outside

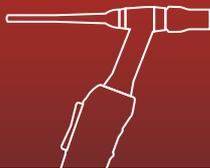
Temperature resistance: -30 °C upto +75 °C

Working temperature: -20 °C upto +65 °C

Properties: Flexibel, robust, tear proof. Not sensitive for ozone and UV radiance porefree, smooth EPDM layer inside and outside

Color: Black inside/outside coloured covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Working press.(bar)	Burst press.(bar)	Order number
Autogenous hose, Acetylene	40 m	9 mm	16 mm	3.5 mm	20	60	85513935/A
Autogenous hose, Propane	40 m	9 mm	16 mm	3.5 mm	20	60	85513935/P
Autogenous hose, Oxigen	40 m	6 mm	16 mm	5.0 mm	20	60	85513650/S
Autogenous hose, Acetylene	40 m	6 mm	13 mm	3.5 mm	20	60	85513635/A
Autogenous hose, Propane	40 m	6 mm	13 mm	3.5 mm	20	60	85513635/P
Autogenous hose, Oxigen	40 m	6 mm	13 mm	3.5 mm	20	60	85513635/S

**Hose, silicone** **9.1.3****Silicone hoses with tissue braiding**

Description: Suitable for water leading- and return hose or as power cable.

Construction: Silicone hose with glued tissue braiding outside. Shore hardness ca. 60 °C, outside

Temperature resistance: -40 °C upto +220 °C

Working temperature: -30 °C upto +80 °C

Dielectric strength: 20 kV/mm

Properties: flexible, good chemical resistance, aging- and weathering resistance

Colour:

Silicone transparent inside with black tissue grading outside

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Working press. (bar)	Burst press.(bar)	Order number
Hose, silicone, 5x8, black	100 m	5 mm	8-9 mm	1.5 mm	8	20	85513S0508
Hose, silicone, 7x10, black	100 m	7 mm	10-11 mm	1.5 mm	8	20	85513S0710
Hose, silicone, 8x12, black	100 m	8 mm	12-13 mm	2 mm	8	20	85513S0812
Hose, silicone, 9x13, black	100 m	9 mm	13-14 mm	2 mm	8	20	85513S0913
Hose, silicone, 10x14, black	100 m	10 mm	14-15 mm	2 mm	8	20	85513S1014

9.1.4 Hose, DVOH



PVC Hose DVOH

Description: Special pressure hose, good flexibility, low weight, extreme compressive strength.

Application: pneumatic or hydraulic hose, leading and return hose in TIG torches.

Construction: PVC hose with 1 layer synthetic garn outside. Shore hardness ca. 76 °C, outside

Temperature resistance: -20 °C upto +80 °C

Working temperature: -5 °C upto +60 °C

Dielectric strength: 22 kV/mm

Properties: flexibel, thin walled, robust, good chemical resistance

Colour: Blue and red (red only on request)

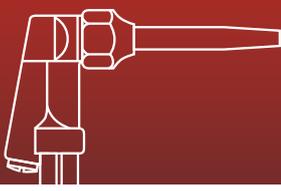
Article description	Roll length	Ø inner	Ø outer	Wall thickness	Working press.(bar)	Burst press.(bar)	Order number
Hose, DVOH, 4x6, blue	50 m	4 mm	6.2 mm	1.1 mm	40	140	85513V0406BL
Hose, DVOH, 5x7, blue	50 m	5 mm	7.2 mm	1.1 mm	40	140	85513V0507BL
Hose, DVOH, 6x8, blue	50 m	6 mm	8.2 mm	1.1 mm	40	140	85513V0608BL
Hose, DVOH, 6x8, red	50 m	6 mm	8.2 mm	1.1 mm	40	140	85513V0608RT
Hose, DVOH, 8x10, blue	50 m	8 mm	10.2 mm	1.1 mm	35	120	85513V0810BL
Hose, DVOH, 8x10, red	50 m	8 mm	10.2 mm	1.1 mm	35	120	85513V0810RT
Hose, DVOH, 9x12, blue	50 m	9 mm	11.6 mm	1.3 mm	30	105	85513V0912BL
Hose, DVOH, 9x12, red	50 m	9 mm	11.6 mm	1.3 mm	30	105	85513V0912RT
Hose, DVOH, 10x13, blue	50 m	10 mm	12.5 mm	1.25 mm	28	95	85513V1013BL
Hose, DVOH, 10x13, red	50 m	10 mm	12.5 mm	1.25 mm	28	95	85513V1013RT



9.2.0

- Protection hose**
- Rubber cover hose with inside tissue layer**
- Leather coverhose**
- Fire department hose**
- Polyurethane cover hose**
- Cover hose**





9.2.1

Cover hose, Rubber, EPDM, TPE



Rubber cover hose EPDM

Discription: Suitable for protection and bundling hoses and cables.
Application: TIG torches

Material: EPDM, Shore hardness ca. 55 °C, outside

Temperature resistance: -30 °C upto +80 °C

Working temperature: -20 °C upto +60 °C

Properties: flexibel, good chemical resistance

Dielectric resistance: ca. 12 kV/mm

Color: Black, covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Order number
Cover hose, rubber 20, black	100 m	20 mm	22 mm	1 mm	8551402010
Cover hose, rubber 23, black	100 m	23 mm	25 mm	1 mm	8551402310
Cover hose, rubber 26, black	50 m	26 mm	28 mm	1 mm	8551402610

Rubber cover hose TPE

Discription: Suitable for protection and bundling hoses and cables.
Application: TIG torches

Material: TPE, Shore hardness ca. 60 °C, outside

Temperature resistance: -30 °C upto +80 °C

Working temperature: -20 °C upto +60 °C

Properties: very soft and flexible, tear proof

Dielectric resistance: ca. 8 kV/mm

Color: Black, covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Order number
Cover hose, rubber 18, black	40 m	18 mm	21 mm	1.5 mm	8551401815
Cover hose, rubber 20, black	40 m	20 mm	23 mm	1.5 mm	8551402015
Cover hose, rubber 21, black	40 m	21 mm	24 mm	1.5 mm	8551402115
Cover hose, rubber 22, black	40 m	22 mm	25 mm	1.5 mm	8551402215
Cover hose, rubber 25, black	40 m	25 mm	28 mm	1.5 mm	8551402515
Cover hose, rubber 28, black	40 m	28 mm	31 mm	1.5 mm	8551402815

**Cover hose, tissue** **9.2.2****Cover hose with tissue inside**

Description: suitable for protection and bundling of hoses and cables for MIG/MAG torches and intermediate hose and cable packages.

Construction: outside cover from SBR rubber, inside white cord tissue, Shore hardness ca. 60 °C, outside

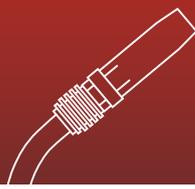
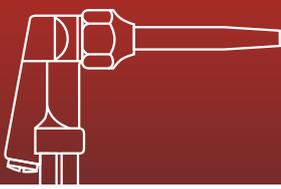
Temperature resistance: -35 °C upto +100 °C

Properties: thin walled, light, flexible, heat resistance, aging and weathering resistance

Dielectric resistance: ca. 5 kV/mm

Color: black, covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Order number
Cover hose, tissue 18, black	40 m	18 mm	21 mm	1.5 mm	85514118
Cover hose, tissue 20, black	40 m	20 mm	23 mm	1.5 mm	85514120
Cover hose, tissue 22, black	40 m	22 mm	25 mm	1.5 mm	85514122
Cover hose, tissue 25, black	40 m	25 mm	28 mm	1.5 mm	85514125
Cover hose, tissue 28, black	40 m	28 mm	31 mm	1.5 mm	85514128
Cover hose, tissue 32, black	40 m	32 mm	35 mm	1.5 mm	85514132
Cover hose, tissue 40, black	40 m	40 mm	43 mm	1.5 mm	85514140
Cover hose, tissue 45, black	40 m	45 mm	48 mm	1.5 mm	85514145
Cover hose, tissue 50, black	40 m	50 mm	53 mm	1.5 mm	85514150



9.2.3 Cover hose, textile



Textile cover hose

Description: suitable as protection and bundling of hose and cables for MIG/MAG torches and intermediate packages

Construction: covered with SBR rubber, inside white cord tissue, outside, Shore hardness ca. 60 °C, outside

Temperature resistance: -35 °C upto +100 °C

Properties: thin walled, light, flexible, heat resistant, aging- and weathering resistant

Dielectric resistance: ca. 5 kV/mm

Color: Black, covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Order number
Cover hose, textile iØ 28 mm, blue	100 m	28 mm	30 mm	1 mm	85514228BL
Cover hose, textile iØ 28 mm, black	100 m	28 mm	30 mm	1 mm	85514228GN
Cover hose, textile iØ 28 mm, orange	100 m	28 mm	30 mm	1 mm	85514228OR



Textile cover hose with zipper

Description: suitable as protection and bundling of hose and cables for MIG/MAG torches and intermediate packages

Construction: covered with SBR rubber, inside white cord tissue, outside, Shore hardness ca. 60 °C, outside

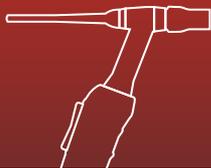
Temperature resistance: -35 °C upto +100 °C

Properties: thin walled, light, flexible, heat resistant, aging- and weathering resistant

Dielectric resistance: ca. 5 kV/mm

Color: Black, covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Order number
Cover hose/4 m, textile iØ 23 mm, black	XX	23 mm	26 mm	1,5 mm	855142F2304S
Cover hose/8 m, textile iØ 23 mm, black	XX	23 mm	26 mm	1,5 mm	855142F2308S
Cover hose/4 m, textile iØ 28 mm, black	XX	28 mm	31 mm	1,5 mm	855142F2804S
Cover hose/8 m, textile iØ 28 mm, black	XX	28 mm	31 mm	1,5 mm	855142F2808S



Cover hose, leather **9.2.4.1**



Leather cover hose

Description: suitable as protection and bundling of hose and cables.
Application: TIG torches

Material: Leather, Shore hardness ca. 50 °C, outside

Temperature resistance: -30 °C upto +80 °C

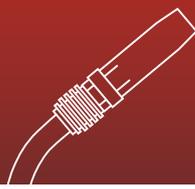
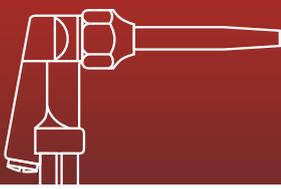
Working temperature: -20 °C upto +60 °C

Properties: Flexibel, good chemical resistance

Dielectric resistance: ca. 12,5 kV/mm

Color: Brown, black, covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Order number
Cover hose/1 m, leather iØ 22 mm, black	XX	22 mm	24 mm	1 mm	85514Z0222
Cover hose/1 m, leather iØ 28 mm, black	XX	28 mm	30 mm	1 mm	85514Z0228
Cover hose/1.5 m, leather iØ 27 mm, brown	XX	27 mm	30 mm	1.5 mm	85514Z0273



9.2.4.2 Cover hose, leather with zipper or velcro fastener



Leather cover hose with zipper

Description: suitable for protection and bundling of hoses and cables for TIG Torches

Material: Leather, Shore hardness ca. 50 °C, outside

Temperature resistance: -30 °C upto +80 °C

Working temperature: -20 °C upto +60 °C

Properties: Flexibel, good chemical resistance

Dielectric resistance: ca. 12,5 kV/mm

Color: Black, covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Order number
Cover hose/4 m, leather, iØ 22 mm	XX	23 mm	26 mm	1.5 mm	855143122-039BR
Cover hose/8 m, leather, iØ 22 mm	XX	23 mm	26 mm	1.5 mm	855143122-079BR
Cover hose/4 m, leather, iØ 28 mm	XX	28 mm	31 mm	1.5 mm	855143128-039BR
Cover hose/8 m, leather, iØ 28 mm	XX	28 mm	31 mm	1.5 mm	855143128-079BR



Leather cover hose with velcro fastener

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Order number
Cover hose/4 m, leather, iØ 23mm	XX	23 mm	26 mm	1.5 mm	
Cover hose/8 m, leather, iØ 23mm	XX	23 mm	26 mm	1.5 mm	
Cover hose/4 m, leather, iØ 28mm	XX	28 mm	31 mm	1.5 mm	
Cover hose/8 m, leather, iØ 28mm	XX	28 mm	31 mm	1.5 mm	
Cover hose/5 m, leather, iØ 50mm	XX	50 mm	53 mm	1.5 mm	
Cover hose/10 m, leather, iØ 50mm	XX	50 mm	53 mm	1.5 mm	


Cover hose **9.2.5.1**

Cover hose

Description: suitable as protection hose and bundling of hoses and cables and for intermediate MIG/MAG packages

Construction: High quality synthetic manchon based on EPDM with 100 % high tenacity synthetic polyester yarn. Round woven in body weave, warp and weft multiple twisted.

Temperature resistance: -40 °C upto +100 °C

Properties: extremely resistant to ageing, ozone-resistant, rot-proof

Color: White, covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Order number
Cover hose, iØ 32 mm, white	upto 100 m	32 mm	35 mm	1.5 mm	85514513215
Cover hose, iØ 42 mm, white	upto 100 m	42 mm	45 mm	1.5 mm	85514514215
Cover hose, iØ 45 mm, white	upto 100 m	45 mm	48 mm	1.5 mm	85514514515
Cover hose, iØ 52 mm, white	upto 50 m	52 mm	55 mm	1.5 mm	85514515015
Cover hose, iØ 64 mm, white	upto 50 m	64 mm	67 mm	1.5 mm	85514516015


Cover hose

Description: suitable as protection hose and bundling of hoses and cables and for intermediate MIG/MAG packages

Construction: High quality synthetic manchon based on EPDM with 100 % high tenacity synthetic polyester yarn. Round woven in body weave, warp and weft multiple twisted.

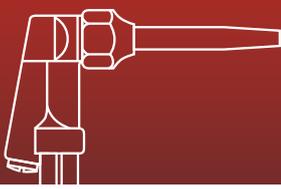
Temperature resistance: -40 °C upto +100 °C

Properties: extremely resistant to ageing, ozone-resistant, rot-proof

Color: Black, covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Order number
Cover hose, iØ 32 mm, black	bis 50 m	32 mm	35 mm	1.5 mm	85514523215
Cover hose, iØ 42 mm, black	bis 50 m	42 mm	45 mm	1.5 mm	85514524215
Cover hose, iØ 45 mm, black	bis 50 m	45 mm	48 mm	1.5 mm	85514524515
Cover hose, iØ 52 mm, black	bis 50 m	52 mm	55 mm	1.5 mm	85514525015

9.2.5.2 Cover hose “Polyurethan”, “HSF”



Cover hose “Polyurethan”

Discription: suitable as protection hose and bundling of hoses and cables and for intermediate MIG/MAG packages

Construction: High quality synthetic manchon based on EPDM with 100 % high tenacity synthetic polyester yarn. Round woven in body weave, warp and weft multiple twisted.

Temperature resistance: -40 °C upto +100 °C

Properties: aging, ozone-, UV and rotting resistant, tear proof and goog flame resistance by coating, better protection of flying sparks

Color: Blue, covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Order number
Cover hose, Polyurethan, iØ 32mm, blue	50 m	32 mm	35 mm	1.5 mm	85514533215
Cover hose, Polyurethan, iØ 42mm, blue	50 m	42 mm	45 mm	1.5 mm	85514534215
Cover hose, Polyurethan, iØ 52mm, blue	50 m	52 mm	55 mm	1.5 mm	85514535015



Cover hose “HSF”

Discription: suitable as protection hose and bundling of hoses and cables and for intermediate MIG/MAG

Construction: Inside 100 % high-strength synthetic polyester yarn, round woven in a special weave, outside high-quality synthetic black rubber coating based on EPDM

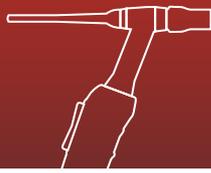
Temperature resistance: -40 °C upto +100 °C

Properties: enormously flexible, thin-walled and easy to coat, ozone and UV-resistant, weatherproof, resistant to aggressive media, 100 % silicone-free, very good mechanical properties

Dielectric resistance: >10.000 kV/mm

Color: Black, covered

Article description	Roll length	Ø inner	Ø outer	Wall thickness	Order number
Cover hose, HSF, iØ 28 mm, black	50 m	28 mm	31 mm	1.5 mm	85514542815
Cover hose, HSF, iØ 35 mm, black	50 m	35 mm	38 mm	1.5 mm	85514543515
Cover hose, HSF, iØ 40 mm, black	50 m	40 mm	43 mm	1.5 mm	85514544015
Cover hose, HSF, iØ 45 mm, black	50 m	45 mm	48 mm	1.5 mm	85514544515
Cover hose, HSF, iØ 52 mm, black	50 m	52 mm	55 mm	1.5 mm	85514545015

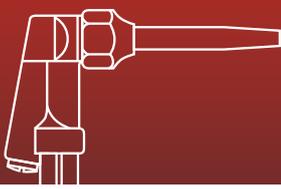


ROHRMAN
SCHWEISSTECHNIK

9.3.0

Shrink tube





9.3.1

Shrink tube S105/S300



Shrink tube S105

Discription: S105 is a flexible, economical, shrinkhose from linked polyolefin, suitable for universal application. The S105 offers a halogen free quick shrinking alternative to PVC shrinking alternative to PVC shrinking hose.

Shrinking ratio: 2:1

Working temperature: -55 °C upto +105 °C

Shrink temperature: min. 90 °C

Dielectric strength: min. 15 kV/mm acc. IEC 243-1

Color: Black

Specifications: FMVSS 302, Insulation class A acc. VDE 0530

Article description	Roll length	Diameter on delivery min.	Diameter shrunk max.	Wall thickness shrunk	Order number
Shrink tube S105, iØ 19.1, black	75 m	19.1 mm	9.5 mm	0.80 mm	8551471191S
Shrink tube S105, iØ 25.4, black	30 m	25.4 mm	12.7 mm	0.95 mm	8551471254S
Shrink tube S105, iØ 32.0, black	30 m	32.0 mm	16.0 mm	1.05 mm	8551471320S
Shrink tube S105, iØ 38.1, black	30 m	38.1 mm	19.1 mm	1.05 mm	8551471381S
Shrink tube S105, iØ 50.8, black	30 m	50.8 mm	25.4 mm	1.14 mm	8551471508S

Shrink tube S300

Discription: S300 is a flexible heat shrink tubing made of cross-linked polyolefin with an increased shrink rate. Due to its high shrinking capacity, the S30 easily covers even large differences in diameter.

Shrinking ratio: 3:1

Working temperature: -55 °C upto +135 °C

Flammability: flame resistant and self-extinguishing

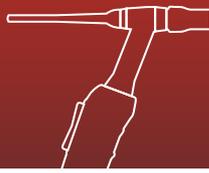
Shrink temperature: min. 100 °C

Dielectric strength: min. 20 kV/mm acc. IEC 243

Color: Black

Specifications: UL 224 125°C, CSA C22.2, Insulation class B acc. VDE 0530

Article description	Roll length	Diameter on delivery min.	Diameter shrunk max.	Wall thickness shrunk	Order number
Shrink tube S300, iØ 18.0, black	75 m	18.0 mm	6.0 mm	0.85 mm	8551473180S
Shrink tube S300, iØ 24.0, black	30 m	24.0 mm	8.0 mm	1.00 mm	8551473240S
Shrink tube S300, iØ 39.0, black	30 m	39.0 mm	13.0 mm	1.15 mm	8551473390S



Shrink tube S125

Description: S125 is a flexible, low cost shrink tubing made of crosslinked polyolefin. Due to its good physical, chemical and electrical properties it offers an excellent alternative for commercial use.

Shrink ratio: 2:1

Working temperature: -55 °C upto +125 °C

Shrink temperature: min. 120 °C

Flammability: flame retardant and self-extinguishing

Dielectric strength: min. 20 kV/mm nach IEC 243-1

Color: Black

Specifications: UL 224 125°C, Insulation class A acc. VDE 0530

Article description	Box content	Diameter on delivery min.	Diameter shrunk max.	Wall thickness shrunk	Order number
Shrink tube S125, iØ 1.2, black	15 m	1.2 mm	0.6 mm	0.45 mm	8551472012S-B15
Shrink tube S125, iØ 1.6, black	15 m	1.6 mm	0.8 mm	0.45 mm	8551472016S-B15
Shrink tube S125, iØ 2.4, black	15 m	2.4 mm	1.2 mm	0.50 mm	8551472024S-B15
Shrink tube S125, iØ 3.2, black	15 m	3.2 mm	1.6 mm	0.50 mm	8551472032S-B15
Shrink tube S125, iØ 6.4, black	10 m	6.4 mm	3.2 mm	0.65 mm	8551472064S-B10
Shrink tube S125, iØ 12.7, blue	5 m	12.7 mm	6.4 mm	0.65 mm	8551472127B-B05
Shrink tube S125, iØ 12.7, red	5 m	12.7 mm	6.4 mm	0.65 mm	8551472127R-B05
Shrink tube S125, iØ 12.7, black	5 m	12.7 mm	6.4 mm	0.65 mm	8551472127S-B05
Shrink tube S125, iØ 19.1, black	5 m	19.1 mm	9.5 mm	0.75 mm	8551472191S-B05
Shrink tube S125, iØ 25.4, black	5 m	25.4 mm	12.7 mm	0.90 mm	8551472254S-B05

9.3.3

Shrink tube SK100/SK104, self-adhesive



Shrink tube SK100, self-adhesive

Discription: SK100 is a flexible double wall shrink hose from polyolefin, coated with a thermoplastic adhesive. By its big shrinking rate as well as the coating with the special glue, he offers a good protection against moisture and the possibility to cover big diameter differences.

Shrinking ratio: 3:1

Working temperature: -55 °C upto +110 °C

Flammability: the exterior coating

Shrinking temperature: min. 125 °C

Dielectric resistance: min. 12 kV/mm acc. IEC 243-1

Color: Black

Specifications: UL 224 125 °C for outer coat and adhesive

Article description	Bar length	Diameter on delivery min.	Diameter shrunk max.	Wall thickness shrunk	Order number
Shrink tube SK100, iØ 12.0, black	1.20 m	12.0 mm	4.0 mm	1.78 mm (1.00 mm)	8551474120S
Shrink tube SK100, iØ 19.0, black	1.20 m	19.0 mm	6.0 mm	2.25 mm (1.45 mm)	8551474190S
Shrink tube SK100, iØ 24.0, black	1.20 m	24.0 mm	8.0 mm	2.54 mm (1.54 mm)	8551474240S
Shrink tube SK100, iØ 39.0, black	1.20 m	39.0 mm	13.0 mm	2.54 mm (1.54 mm)	8551474390S

Shrink tube SK104, self-adhesive

Discription: SK104 is a flexible double wall shrink hose from polyolefin, coated with a thermoplastic adhesive. By its big shrinking rate as well as the coating with the special glue, he offers a good protection against moisture and the possibility to cover big diameter differences.

Shrinking ratio: 3:1

Working temperature: -55 °C upto +110 °C

Flammability: the exterior coating

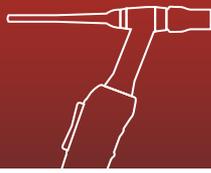
Shrinking temperature: min. 125 °C

Dielectric resistance: min. 12 kV/mm acc. IEC 243-1

Color: Black

Specifications: UL 224 125 °C for outer coat and adhesive

Article description	Bar length	Diameter on delivery min.	Diameter shrunk max.	Wall thickness shrunk	Order number
Shrink tube SK104, iØ 12.0, black	1.20 m	12.0 mm	3.0 mm	1.40 mm (0.80 mm)	8551475120S
Shrink tube SK104, iØ 24.0, black	1.20 m	24.0 mm	6.0 mm	2.25 mm (1.45 mm)	8551475240S
Shrink tube SK104, iØ 32.0, black	1.20 m	32.0 mm	8.0 mm	2.54 mm (1.54 mm)	8551475320S
Shrink tube SK104, iØ 52.0, black	1.20 m	52.0 mm	13.0 mm	2.54 mm (1.54 mm)	8551475520S



9.4.0

Well hose Polyamid-PA6 "PA"
Well hose Polyethylen "PE"



9.4.1

Well hose Polyamid-PA6 "PA"



Well hose Polyamid-PA6 "PA"

Description: PA is an universal to applicate well tube with good bending resistance. The PA6 tube is applicated often in the mechanical engineering, vehicle construction, and in the construction of electrical cabinets.

Working temperature: -40 °C upto +140 °C

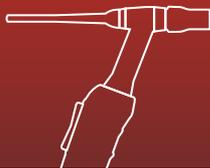
Flammability: flame retardant

Elongation at break: upto 200 % (DIN 53455)

Color: black

Properties: halogen free, cadmium free, UV resistant, heat resistant

Article description	Roll length	Ø inner	Ø outer	Order number
Well hose PA, NW6	100 m	6.8 mm	9.1 mm	8551491060S
Well hose PA, NW10	100 m	9.9 mm	13.0 mm	8551491100S
Well hose PA, NW12	100 m	12.2 mm	15.7 mm	8551491120S
Well hose PA, NW14	100 m	14.2 mm	18.5 mm	8551491140S
Well hose PA, NW16	100 m	17.0 mm	21.0 mm	8551491160S
Well hose PA, NW19	100 m	19.2 mm	23.9 mm	8551491190S
Well hose PA, NW22	100 m	21.3 mm	25.4 mm	8551491220S
Well hose PA, NW26	50 m	25.8 mm	31.2 mm	8551491260S
Well hose PA, NW32	50 m	32.5 mm	38.4 mm	8551491320S
Well hose PA, NW37	50 m	36.0 mm	42.4 mm	8551491370S
Well hose PA, NW50	50 m	47.7 mm	54.5 mm	8551491500S

**Well hose Polyethylen "PE"**

Description: universal protection tube, good price/performance ratio. Highly flexible also with small bending radius.

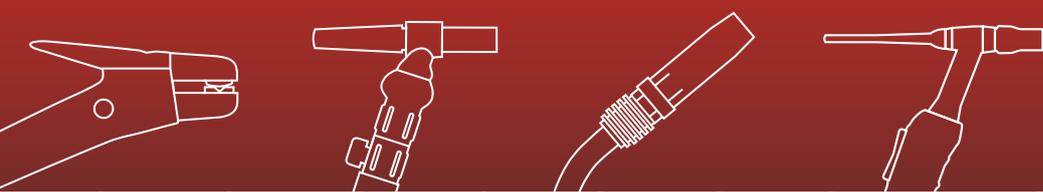
Working temperature: -40 °C upto +80 °C

Flammability: flame retardant, acc. UL94 HB, and FMVSS 302

Color: black

Properties: halogen free

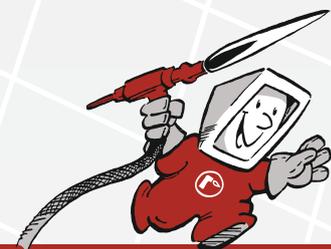
Article description	Roll length	Ø inner	Ø outer	Order number
Well hose PE, NW8.5	50 m	8.4 mm	11.3 mm	8551492085S
Well hose PE, NW10	50 m	9.8 mm	12.7 mm	8551492100S
Well hose PE, NW12	50 m	11.6 mm	15.6 mm	8551492120S
Well hose PE, NW17	50 m	16.3 mm	20.8 mm	8551492170S



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