

# Chemical suction-pressure hoses

*Especially good value!*



## Chemical pressure hoses made of EPDM

EN 12115\*

**Materials:** Inner tube: EPM, black, smooth; cover: EPDM, black, extruded (as of DN 32, fabric finished), abrasion and weather resistant; insert: Cord fabric with copper strands (DN 13: without copper strands)

**Temperature range:** -35°C to max. +100°C (chemicals: max. +25°C), can be sterilised with steam (temporary to +130°C)

**Operating pressure:** 16 bar, burst pressure: 64 bar

**Electrical resistance:**  $R < 10^6$  Ohm/m

**Operating range:** For strong acids and alkalis (DN 13: air, water, mild chemicals). Not resistant to hydrocarbons.

Please ask specifically for the resistance of your medium. As of DN 19: Flame resistance in accordance with TRbF 131, Section 2, Paragraph 5.5.

Type	Hose Ø internal	Hose Ø external	Roll length m
CHS 13	13 (1/2")	20	40
CHS 19	19 (3/4")	31	40
CHS 25	25 (1")	37	40
CHS 32	32 (1 1/4")	44	40
CHS 38	38 (1 1/2")	51	40
CHS 50	50 (2")	66	40

\* DN 13: EN ISO 1307

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## Chemical suction-pressure hoses made of EPDM

EN 12115

**Materials:** Inner tube: EPM, black, smooth; cover: EPDM, black, fabric finished; anti-static, abrasion and weather resistant; inserts: Textile braid, steel coil with copper strands

**Temperature range:** -35°C to max. +100°C (chemicals: max. +25°C), can be sterilised with steam (temporary to +130°C)

**Electrical resistance:**  $R < 10^6$  Ohm/m

**Operating range:** For strong acids and alkalis. Not resistant to hydrocarbons. Please ask specifically for the resistance of your medium. Flame resistance in accordance with TRbF 131, Section 2, Paragraph 5.5.

Type	Hose Ø internal	Hose Ø external	Vacuum/pressure	Burst pressure	Roll length m
CHSSP 19	19.0 (3/4")	31	-0.9 to 16 bar	64 bar	40
CHSSP 25	25.0 (1")	37	-0.9 to 16 bar	64 bar	40
CHSSP 32	32.0 (1 1/4")	44	-0.9 to 16 bar	64 bar	40
CHSSP 38	38.0 (1 1/2")	51	-0.9 to 16 bar	64 bar	40
CHSSP 50	50.0 (2")	66	-0.9 to 16 bar	64 bar	40
CHSSP 63	63.5 (2 1/2")	79	-0.9 to 16 bar	64 bar	40
CHSSP 75	75.0 (3")	91	-0.8 to 16 bar	64 bar	40
CHSSP 100	100.0 (4")	116	-0.8 to 12 bar	48 bar	40



**TIP** Also resistant to hydrocarbons!



## Chemical suction-pressure hoses made of EPDM Heavy-duty design

EN 12115

**Materials:** Inner tube: Cross-linked polyethylene, smooth, black, conductive, FDA food-safe approval, cover: EPDM, black, fabric finished, anti-static, abrasion and weather resistant; inserts: Fabric braid, steel coil and copper strands

**Temperature range:** -35°C to max. +100°C (chemicals: max. +25°C), can be sterilised with steam (temporary to +130°C)

**Electrical resistance:**  $R < 10^6$  Ohm/m

**Operating range:** Conducting a large number of chemicals. Suitable for most acids, lyes, mineral products and solvents used in the industry. Can also be used as a flexible connection in paint systems. Please ask specifically for the resistance of your medium. Flame resistance in accordance with TRbF 131, Section 2, Paragraph 5.5.

Type	Hose Ø internal	Hose Ø external	Operating pressure	Burst pressure	Roll length m
CHSSP 19 PL	19.0 (3/4")	31	-0.9 to 16 bar	64 bar	40
CHSSP 25 PL	25.0 (1")	37	-0.9 to 16 bar	64 bar	40
CHSSP 32 PL	32.0 (1 1/4")	44	-0.9 to 16 bar	64 bar	40
CHSSP 38 PL	38.0 (1 1/2")	51	-0.9 to 16 bar	64 bar	40
CHSSP 51 PL	50.0 (2")	66	-0.9 to 16 bar	64 bar	40
CHSSP 63 PL	63.5 (2 1/2")	79	-0.9 to 16 bar	64 bar	40
CHSSP 75 PL	75.0	91	-0.8 to 16 bar	64 bar	40



Stainless steel ball valves with welded ends from page 290



Kamlock couplings from page 186



Tanker truck couplings from page 169



Clamp brackets and steel cable clamps of page 257-259

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.