

GOODALL Rubber hose Kemflex SD, UPE suction & discharge hose for chemicals 20 bar; according to EN 12115, Ω/T



Characteristics

Series: Kemflex

Application

- flexible universal chemical hose for suction and discharge applications
- transport hose for different types acids, alkalis, salts, alcohols, fatty acids and aromatic hydrocarbons
- ideal for applications in which static electricity can occur
- the static charge can be safely conducted away through to the conductive tube and cover
- because of its high flexibility, this hose is especially suitable for tank-truck transport
- Recommended in: Chemical, Pharma

Technical Information

Temperature range

- -40 °C to +100 °C, depending on medium
- steam cleaning up to 130 °C (max. 30 minutes, without pressure)

Burst pressure

- minimum 80 bar
- safety factor 4:1

Construction

Tube

- black UHMWPE (High density polyethylene)
- smooth, homogeneous and seamlessly extruded
- electrically conductive $R < 10^6 \Omega$

Reinforcement

- 2 braided synthetic fabrics
- completely embedded double galvanized steel spiral (no spiral by I.D. 13 mm), vacuum resistant

Cover

- black EPDM rubber
- smooth, cloth impression
- wear resistant
- ozone and weather resistant
- electrically conductive $R < 10^6 \Omega$

Execution

Branding

- white-blue marking with text: "GOODALL KEMFLEX SD - CHEMICAL EN 12115 20 BAR - 300 PSI Ω/T"
- imprinted text: "GOODALL - KEMFLEX - EN 12115:2011 - UPE - SD - DN.. - 20 BAR - 300 PSI - Ω/T"

Connections

- all safety clamp couplings in accordance with EN 14420 (threads, flanges, Eritite [Cam & Groove], Guillemin, TW, etc.)

Assembly

- safety clamps or ferrules

Approval

Approvals/regulations

- EN 12115
- FDA 21 CFR 177.1520

Options

Complete assembly

- ERIKS can assemble the Kemflex SD with your required couplings.

Options

- hydrostatic test report
- excellent laser engraving on marking ferrule

Internal diameter	Wall thickness	Outer diameter	Maximum operating pressure	Minimum burst pressure	Vacuum-resistance at 20 °C	Minimum bending radius	Roll length	Weight	Article
mm	mm	mm	bar	bar	%	mm	m	kg/m	
13	5	23	20	80	92	98	40	0.33	12729543
19	6	31	20	80	92	125	40	0.58	12729544
25	6	37	20	80	92	150	40	0.71	12729545
32	6	44	20	80	92	175	40	0.86	12729547
38	6.5	51	20	80	92	225	40	1.18	12729548
50	8	66	20	80	92	275	40	1.9	12729550
63	8	79	20	80	92	450	40	2.4	12754519
75	8	91	20	80	92	350	40	2.81	12729551

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