



KEMFLEX SD

EXCEEDS EN 12115

APPLICATION :

- Superior design for use in chemical plants, ship, barge and tank truck service.
- Exceptional flexible chemical hose for suction and discharge applications for different types of acids, alkalis, salts and alcohols
- Braided construction has excellent flexibility and resistance to kinking
- Working pressure of 20bar / 300PSI for maximum safety
- Designed with fully conductive rubber compounds for added safety, ideal for applications in which static electricity can occur
- Classification Grade Ω/T

TEMPERATURE RANGE :

- -40 °F to 212 °F
 - -40 °C to 100 °C
- OPEN END STEAM CLEANING UP TO 266°F/130°C (MAX 30 MINUTES)

BURST PRESSURE:

- Minimum 4:1

MATERIAL TUBE :

- Smooth and homogeneous
- Conductive, black ultra-high molecular weight polyethylene (UHMWPE)
- Has FDA compliant materials
- Electrical conductive R < 10⁶ Ω

REINFORCEMENTS :

- Multiple high tensile textile braids
- Dual steel helix wire (no helix in 1/2")

MATERIAL COVER :

- Black, smooth EPDM rubber
- Electrical conductive R < 10⁶ Ω
- Excellent abrasion, weather and ozone resistance

BRANDING:

- White and blue spiral stripe:
- GOODALL KEMFLEX SD • CHEMICAL EN 12115 20 BAR – 300 PSI Ω/T
- Embossed strip:
- GOODALL • KEMFLEX • EN 12115:2011 • UPE • SD • DN * • 20 BAR • 300 PSI • Ω/T •

STANDARD LENGTHS:

- 40 meters
- 131.2 feet

KEMFLEX SD

ID		OD		maximum working pressure		minimum burst pressure		vacuum	minimum bend radius		weight	
mm	inch	mm	inch	bar	psi	bar	psi	%	mm	inch	kg/m	lb./ft.
13.0	1/2	23	0.91	20	300	80	1200	92	98	3.8	0.33	0.22
19.0	3/4	31	1.22	20	300	80	1200	92	125	4.9	0.58	0.39
25.0	1	37	1.46	20	300	80	1200	92	150	5.9	0.71	0.48
32.0	1 1/4	44	1.73	20	300	80	1200	92	175	6.9	0.86	0.58
38.0	1 1/2	51	2.01	20	300	80	1200	92	225	8.9	1.18	0.79
50.0	2	66	2.60	20	300	80	1200	92	275	10.8	1.90	1.28
63.0	2 1/2	79	3.11	20	300	80	1200	92	450	17.7	2.40	1.61
75.0	3	91	3.58	20	300	80	1200	92	350	13.8	2.81	1.89
100.0	4	116	4.57	20	300	80	1200	92	675	26.6	3.59	2.41

All data at 68°F/20°C



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