



KEMFLEX SD

EXCEEDS EN 12115:2021
MEETS FDA, EU10/2011



APPLICATION :

- Superior design for use in chemical plants, ship, barge and tank truck service.
- New and improved:
 - New peroxide cured compounds to assure a safe fit to the GOODALL DuraCrimp coupling system even after multiple steam cleaning cycles.
 - Extremely low friction coefficient and great abrasion resistance of the UPE tube
 - Reduced bending radius
 - Lower bending force for improved flexibility
- 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 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 °C to 100 °C
Open end steam cleaning up to 130 °C (max. 30 minutes)

BURST PRESSURE:

- 4:1

MATERIAL TUBE :

- Smooth and homogeneous
- Conductive, black ultrahigh molecular weight polyethylene (UPE)
- Has FDA compliant materials and meets EU 10/2011
- ADI (Animal Derived Ingredients) free

- Electrical conductive
 $R < 10^6 \Omega$

REINFORCEMENTS :

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

MATERIAL COVER :

- Black, smooth EPDM rubber
- Electrical conductive
 $R < 10^6 \Omega$
- Excellent abrasion, weather and ozone resistance

BRANDING:

- White and blue longitudinal stripe: GOODALL KEMFLEX SD • CHEMICAL EN 12115 20 BAR – 300 PSI Ω/T
- Embossed stripe: GOODALL KEMFLEX SD • EN 12115:2021 • UPE • SD • diam • 20 BAR Ω/T • quarter/year

STANDARD LENGTHS:

- 40 meters

KEMFLEX SD

ID	OD	maximum working pressure	minimum burst pressure	Vacuum	minimum bend radius	weight
mm	mm	bar	bar	%	mm	kg/m
13	23	20	80	92	85	0,33
19	31	20	80	92	90	0,70
25	37	20	80	92	100	0,80
32	44	20	80	92	125	1,00
38	51	20	80	92	150	1,30
50	66	20	80	92	200	1,85
63,5	79,5	20	80	92	250	2,35
75	91	20	80	92	300	2,81
100	116	20	80	92	400	3,59

All data at 68°F/20°C

Goodall KEMFLEX SD • CHEMICAL EN 12115 20 BAR - 300 PSI Ω/T

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