



TEKNO SD

EN 12115

APPLICATION :

- Developed for use in chemical plants, ship, barge and tank truck service.
- Flexible and resistant to kinking
- Designed with fully conductive rubber compounds for added safety
- Classification Grade Ω/T

TEMPERATURE RANGE :

- -40 °F to 180 °F
- -40 °C to 82.2 °C

Open end steam cleaning up to 266 °F/130 °C (max. 30 minutes)

BURST PRESSURE:

- Minimum 4:1

MATERIAL TUBE :

- Conductive, black ultra-high molecular weight polyethylene (UHMWPE)
- Electrical conductive R < 10⁶ Ω

REINFORCEMENTS :

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

MATERIAL COVER :

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

BRANDING:

- White and blue longitudinal stripe:
- GOODALL TEKNO SD • CHEMICAL EN 12115 16 BAR – 232 PSI Ω/T
- Embossed stripe: GOODALL • TEKNO • EN 12115:2011 • UPE • SD • DN * • 16 BAR • 232 PSI • Ω/T • Month - Year

STANDARD LENGTHS:

- 40 meters
- 131.2 feet

TEKNO 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	16	232	64	928	80	135	5.3	0.33	0.22
19.0	3/4	31	1.22	16	232	64	928	80	188	7.4	0.58	0.39
25.0	1	37	1.46	16	232	64	928	80	225	8.9	0.71	0.48
32.0	1 1/4	44	1.73	16	232	64	928	80	262	10.3	0.86	0.58
38.0	1 1/2	51	2.01	16	232	64	928	80	338	13.3	1.18	0.79
50.0	2	66	2.60	16	232	64	928	80	412	16.2	1.90	1.28
63.0	2 1/2	79	3.11	16	232	64	928	80	450	17.7	2.40	1.61
75.0	3	91	3.58	16	232	64	928	80	525	20.7	2.81	1.89
100.0	4	116	4.57	16	232	64	928	80	675	26.6	3.59	2.41

All data at 68°F/20°C

Goodall TEKNO SD • CHEMICAL EN12115 16 BAR - 232 PSI Ω/T



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