



TEKNOPHARM SD
MEETS EN 12115, FDA, EU10/2011

APPLICATION :

- Flexible universal hose for conveying a wide range of pharmaceutical, cosmetic, chemical and foodstuff liquids
- Designed with fully conductive rubber compounds for added safety, ideal for applications in which static electricity can occur
- Complying to multiple international regulations
- 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:

- 4:1

MATERIAL TUBE :

- White ultra-high molecular weight polyethylene (UHMWPE), with electrical Conductive (R < 10⁶ Ω) spiral stripe
- Smooth and abrasion resistant
- Complies to the most stringent international regulations:
 - FDA 21 Cfr 177.1550
 - EC 1935/2004
 - EU 10/2011

REINFORCEMENTS :

- High tensile synthetic plies
- Embedded steel helix wire

MATERIAL COVER :

- EPDM rubber, black, smooth with cloth finish
- Electrical conductive (R < 10⁶ Ω)
- Good abrasion, weather and ozone resistance

BRANDING:

- White and blue longitudinal stripe: GOODALL
TEKNOPHARM SD • 16 BAR – 232 PSI
- Embossed stripe: GOODALL
• TEKNOPHARM • EN 12115:2021 • UPE • 16 BAR • Ω/T • quarter/year

STANDARD LENGTHS:

- 40 meters

TEKNOPHARM 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.
19	3/4"	31	1.22	16	250	64	1000	90	125	4.92	0,65	0.44
25	1"	37	1.46	16	250	64	1000	90	150	5.91	0,75	0.50
32	1 1/4"	44	1,73	16	250	64	1000	90	175	6.89	1,00	0.67
38	1 1/2"	51	2	16	250	64	1000	90	225	8.86	1,30	0.87
50	2"	66	2.6	16	250	64	1000	90	275	10.83	2,10	1.41
63,5	2 1/2"	79,5	3.13	16	250	64	1000	90	300	11.81	2,60	1.75
75	3"	91	3.62	16	250	64	1000	90	350	13,78	3,10	2.08
100	4"	118	4.65	16	250	64	1000	90	450	17.72	4,90	3.29

Size tolerances according ISO1307 All data at 68°F/20°C



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