

TUSIL® HIGH PURITY D



MADE IN CLEANROOM
ISO 14644 CLASS 8



TEMPERATURE: -60°C / +200°C (-76°F / +392°F)

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

NORM: ISO 1307 for dimensional tolerances



Delivery hose manufactured, tested and packed in a controlled cleanroom (ISO 14644 class 8) for pharmaceutical, cosmetic and food products. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006). Extractables & leachables testing available. Not intended for use as an implant material. Not suitable for blood or human fluids.

TUBE

Extruded platinum-cured silicone, translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.2600; USP class VI main requirements; European Pharmacopoeia ed. 8.1/2014 3.1.9; ISO 10993 - 4:2017, 5:2009, 12:2012; BfR XV; REGULATION 1935/2004/CE; Japan Ministry of Health and Welfare Notice No.370,1959, No.201,2006 and revision 2012; 3-A RPSCQC for (62-02) Hose Assemblies; Arrêté du 25 novembre 1992.

REINFORCEMENT

High temperature resistant textiles.

COVER

smooth, platinum-cured silicone, translucent, glossy cover. Heat, ageing and ozone resistant.

Refer to guidelines for cleaning and sanitizing on TUDERTECHNICA.COM

Inside diameter		Outside diameter		Vacuum		Working pressure		Burst pressure		Appr. Weight		Bending radius	
mm	in	mm	in	bar	psi	bar	psi	bar	psi	kg/mt	lbs/ft	mm	in
13	0,50	23	0,91	-	-	13	195	52	780	0,39	0,26	-	-
19	0,75	29	1,14	-	-	11	165	44	660	0,52	0,35	-	-
25	1,00	35	1,38	-	-	10	150	40	450	0,65	0,44	-	-
32	1,25	42	1,65	-	-	8	120	32	360	0,79	0,53	-	-
38	1,50	48	1,89	-	-	7	105	28	315	0,92	0,62	-	-
51	2,00	61	2,40	-	-	5	75	20	225	1,19	0,80	-	-

Data refer to ambient temperature (20°C); we recommend a reduction of 20% working pressure for every 100°C of temperature increase.
We reserve the right to supply in random lengths shorter than 40mt.