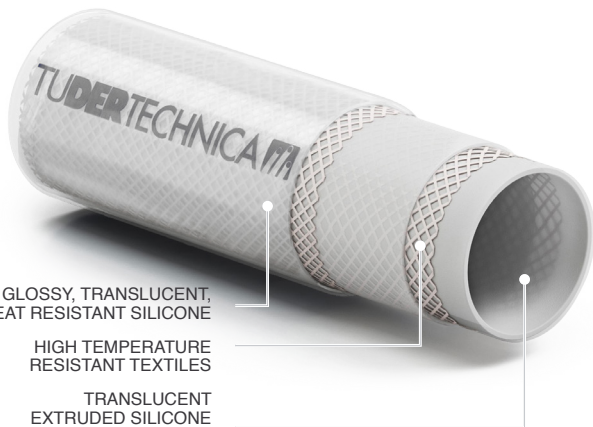




TUSIL® HIGH PURITY D



SMOOTH, GLOSSY, TRANSLUCENT,
HEAT RESISTANT SILICONE

HIGH TEMPERATURE
RESISTANT TEXTILES

TRANSLUCENT
EXTRUDED SILICONE

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.

DESCRIPTION

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

Marking

TUDERTECHNICA TUSIL® HIGH PURITY D

TECHNICAL CHARACTERISTICS

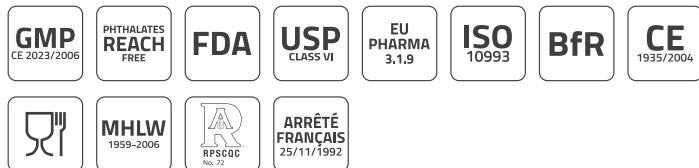
Temperature range : -60°C / +200°C (-76°F / +392°F)

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



refer to guidelines for cleaning and sanitizing on Tudertecnica website



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 40m.

REV-2022-02-18