

TUSIL® BRIGHT D



SMOOTH, GLOSSY, TRANSLUCENT,
HEAT RESISTANT SILICONE
HIGH TEMPERATURE
RESISTANT PLIES
TRANSLUCENT SILICONE

Delivery hose suitable for cosmetic, pharmaceutical 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). Not intended for use as an implant material. Not suitable for blood or human fluids.

DESCRIPTION

Tube

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 - 5:2009, 11:2009; BfR XV; REGULATION 1935/2004/CE; DM 21/03/1973 and subsequent amendments; Japan Ministry of Health and Welfare Notice No.370,1959, No.201,2006 and revision 2012; 3-A RPSCQC for (62-02) Hose Assemblies.

Reinforcement

high temperature resistant plies

Cover

smooth, silicone, translucent, glossy. Heat, ageing and ozone resistant

Marking

TUDERTECHNICA TUSIL® BRIGHT

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 Tudertechnica 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]
10	0,39	22	0,87	-	-	16	250	48	750	0,35	0,23	-	-
13	0,50	25	1,00	-	-	15	225	45	675	0,41	0,27	-	-
16	0,63	28	1,10	-	-	14	210	42	630	0,48	0,32	-	-
19	0,75	31	1,22	-	-	13	195	39	585	0,55	0,37	-	-
25	1,00	37	1,46	-	-	10	150	30	450	0,68	0,46	-	-
32	1,25	44	1,73	-	-	8	120	24	360	0,83	0,56	-	-
38	1,50	50	1,97	-	-	7	105	21	315	0,96	0,64	-	-
51	2,00	63	2,48	-	-	6	90	18	270	1,24	0,83	-	-
63,5	2,50	76,5	3,01	-	-	5	75	15	225	1,68	1,13	-	-
76	3,00	89	3,50	-	-	4	60	12	180	1,98	1,33	-	-
102	4,00	115	4,53	-	-	3	45	9	135	2,61	1,75	-	-

Data refer to ambient temperature (20°C); we recommend a reduction of 20% working pressure for every 100°C of temperature increase. Other diameters, wall thickness and pressure only on specific request. We reserve the right to supply in random lengths shorter than 40mt or 20mt.

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