

TUSIL® EXT D



TECHNICAL CHARACTERISTICS

Temperature range: -60°C / +180°C (-76°F / +356°F)
Dimension tolerance: ± 0,6 mm (± 0,2 inch)

Delivery hose suitable for biotechnological, cosmetic, pharmaceutical and food products. Tested in compliance with USP class VI, not cytotoxic. Not intended for use as an implant material.

DESCRIPTION

Tube and cover

silicone, natural, odourless and tasteless. Meets FDA CFR 21 PART 177.2600, BfR Recommendation XV Cat. 2, European Reglement 1935/2004/CE, USP class VI requirements, European Pharmacopoeia 3.1.9.

Reinforcement

braided high temperature resistant plies

Sterilization

sterilization with steam up to 135°C, or by radiation. Autoclavable.



Inside diameter		Outside diameter		Length		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[mt]	[ft]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
3,17	0,12	9,20	0,36	40	130	15	218	45	653	0,070	0,047	30	1,2
4,76	0,19	11,30	0,44	40	130	15	218	45	653	0,106	0,071	35	1,4
6,35	0,25	12,61	0,50	40	130	15	218	45	653	0,124	0,083	40	1,6
7,93	0,31	14,60	0,57	40	130	12	174	36	522	0,147	0,099	45	1,8
9,52	0,37	16,32	0,64	40	130	12	174	36	522	0,175	0,118	50	2,0
12,70	0,50	20,10	0,79	40	130	10	145	30	435	0,237	0,159	65	2,6
15,87	0,62	24,37	0,96	40	130	8	116	24	348	0,330	0,222	75	3,0
19,05	0,75	27,90	1,10	40	130	8	116	24	348	0,415	0,279	80	3,1
25,40	1,00	34,50	1,36	40	130	5	73	15	218	0,513	0,345	120	4,7
31,75	1,25	40,80	1,61	40	130	4	58	12	174	0,617	0,415	150	5,9

Data refer to ambient temperature (20°C).