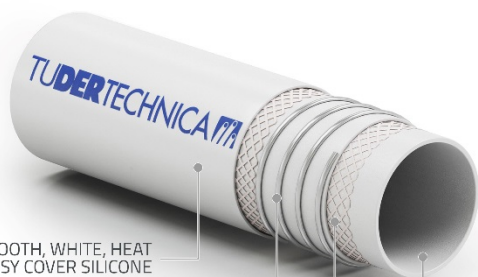


## TUSIL® PURE



SMOOTH, WHITE, HEAT RESISTANT, GLOSSY COVER SILICONE  
 STAINLESS STEEL WIRE HELIX  
 HIGH TEMPERATURE RESISTANT PLYS  
 WHITE SILICONE

### TECHNICAL CHARACTERISTICS

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

**Norm :** ISO 1307 for dimensional tolerances



Suction and delivery hose suitable for cosmetic, pharmaceutical and food products. Not intended for use as an implant material. Not suitable for blood or human fluids.

### DESCRIPTION

#### Tube

silicone, white, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA CFR 21 PART 177.2600, USP XXXII class VI requirements, European Pharmacopoeia 3.1.9 Ed. VII 2011, ISO 10993 Sections 5,10,11:2009, BfR Recommendation XV & XXI Cat. 2, European Reglement 1935/2004/CE, DM 21/03/1973 e seguenti, Japan Ministry of Health and Welfare Notice No.370,1959, No.201,2006, 3A Sanitary Standard Class II

#### Reinforcement

high temperature resistant plies, stainless steel wire helix

#### Cover

smooth, silicone, white, heat, ageing, ozone and abrasion resistant, glossy cover

#### Sterilization

refer to guidelines for cleaning and sanitizing on Tudertechnica website

#### Marking

TUDERTECHNICA TUSIL® PURE

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	0,9	13	15	225	45	675	0,38	0,25	60	2,36
16	0,63	26	1,02	0,9	13	14	210	42	630	0,44	0,29	70	2,76
19	0,75	29	1,14	0,9	13	13	195	39	585	0,50	0,34	80	3,15
25	1,00	35	1,38	0,9	13	10	150	30	450	0,61	0,41	100	3,94
32	1,25	42	1,65	0,9	13	8	120	24	360	0,76	0,51	130	5,12
38	1,50	49	1,93	0,9	13	7	105	21	315	1,05	0,70	155	6,10
51	2,00	62	2,44	0,9	13	6	90	18	270	1,36	0,91	210	8,27
63,5	2,50	76,5	3,01	0,9	13	5	75	15	225	2,06	1,38	260	10,24
76	3,00	89	3,50	0,9	13	4	60	12	180	2,42	1,62	310	12,20
102	4,00	115	4,53	0,9	13	3	45	9	135	3,39	2,27	420	16,54

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.