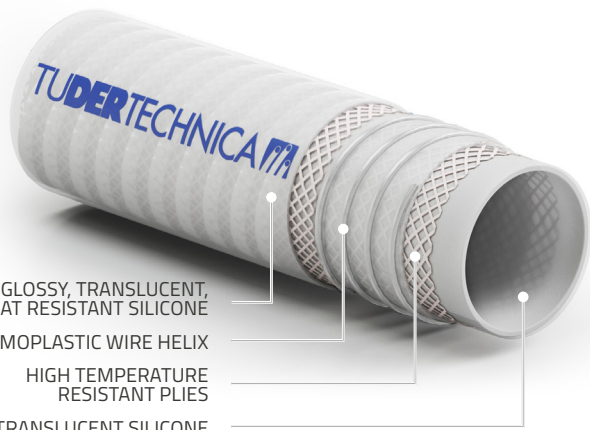




# TUSIL® BRIGHT CRUSH RESISTANT



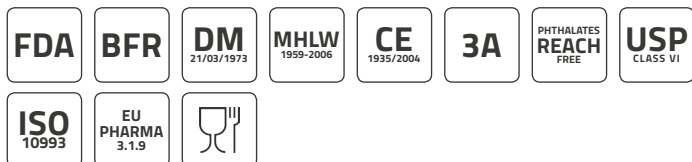
- SMOOTH, GLOSSY, TRANSLUCENT,  
HEAT RESISTANT SILICONE
- THERMOPLASTIC WIRE HELIX
- HIGH TEMPERATURE  
RESISTANT PLIES
- TRANSLUCENT SILICONE

## TECHNICAL CHARACTERISTICS

**Temperature range :** -60°C / +160°C ( -76°F / +320°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



Suction and delivery hose suitable for cosmetic, pharmaceutical and food products. Meets migration test according to BfR Recommendation XV & XXI Cat. 2. Not intended for use as an implant material. Not suitable for blood or human fluids. Crush resistant.

## DESCRIPTION

### Tube

silicone, translucent, 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 and revision 2012, 3A Sanitary Standard Class II

### Reinforcement

high temperature resistant plies, thermoplastic wire helix

### Cover

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

### Sterilization

refer to guidelines for cleaning and sanitizing on Tudertecnica website

### Marking

TUDERTECHNICA TUSIL® BRIGHT CRUSH RESISTANT

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	25	0,94	0,7	10	15	225	45	675	0,42	0,28	80	3,15
16	0,63	28	1,10	0,7	10	14	210	42	630	0,53	0,36	110	4,33
19	0,75	33	1,30	0,7	10	13	195	39	585	0,64	0,43	115	4,53
25	1,00	39	1,53	0,7	10	10	150	30	450	0,78	0,52	140	5,51
32	1,25	46	1,81	0,7	10	8	24	24	360	0,95	0,64	175	6,89
38	1,50	52	2,05	0,7	10	7	105	21	315	1,09	0,73	210	8,26

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.