

ALISPIR SIL FORM INOX



- WIDE-CORRUGATED, RED, HEAT RESISTANT, GLOSSY COVER SILICONE
- STAINLESS STEEL WIRE HELICES
- HIGH TEMPERATURE RESISTANT PLYS
- TRANSLUCENT SILICONE

TECHNICAL CHARACTERISTICS

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

Norm : ISO 1307 for dimensional tolerances



Hose for suction and delivery of pre-heated PVC granules, high temperature resistant, used as a connection between hopper and heated barrel. Specifically designed for the process industries where it is necessary for a high-performance hose made with tasteless and odorless compound. 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.

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, stainless steel wire helices, on request a/s wire to discharge static electricity

Cover

wide-corrugated, red, silicone rubber, heat, ageing, ozone and abrasion resistant, glossy cover

Sterilization

refer to guidelines for cleaning and sanitizing on Tudertechnica website

Marking

TUDERTECHNICA ALISPIR SIL FORM

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]
51	2,00	-	-	0,9	13	6	90	18	270	1,37	0,92	160	6,30
63,5	2,50	-	-	0,9	13	5	75	15	225	2,01	1,35	200	7,87
76	3,00	-	-	0,9	13	4	60	12	180	2,36	1,58	240	9,45
90	3,54	-	-	0,9	13	4	60	12	180	3,23	2,16	300	11,81
102	4,00	-	-	0,9	13	3	45	9	135	3,61	2,42	340	13,39
115	4,50	-	-	0,9	13	3	45	9	135	4,04	2,71	450	17,72
152	6,00	-	-	0,9	13	2	30	6	90	6,25	4,19	650	25,59

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, cover colours and pressure only on specific request.