

Material		Properties
Silicone Reinforced Tube 10 x3.0mm Translucent/Blue 70Sh.A Food Approved		Directives: EF1935/2004, 2023/2006 FDA 177.2600 (See also below)
Technical data		Applications
General Properties	Specification Limits (Typical Value)	The material is according to Reach and RoHS Silicone Rubber Grade 70 FDA is suitable for food, medical + pharmaceutical applications, physiological harmless, bacteriological indifferent, allergy uncommitted, fungicide, non-toxic, non corrosive, non sticky, nonconductive, repeated sterilisable. Reinforcement: Polyester Monofil
Hardness**	70 Sh.A +/-5	
Density*	1.18 g/cm ³	
Compression Set***	Max 45% (22h / 175°C)	
Mechanical Properties		
Tensile Strength	10.7 MPa	
Elongation to Failure	400 %	
Tear Strength	22,0 N/mm	
Compression set	40 %	
Dielectric strength	20 KV/mm	
Max. cont. Temperature	+200°C	
Min. Temperature	-60°C	
Resistance: Excellent resistance to ozone, oxidant, ultraviolet light, corona discharge, cosmic radiation, (V10 ⁵ GRAYS/10 ⁷ RADS), ionising chemical. Conditionally oil-resistant dependent on type – self-testing.		
We confirm, that there are no banned substances in Silicone Reinforced Tube 10x3.5mm 70Sh.A translucent/Blue and it does not contain any chemicals listed in the regulations: <u>IRLS-LIST 101 (prev. VDA-LIST 232-101); EU-Basic Directive 76/769/EWG,</u> EU Directive: <u>91/157/EWG; 94/62/EG; 2000/53/EG; 2003/11/EG; 2003/11/EG; 2003/53/EG; 2004/01/EG;</u> <u>ROHs 2002/95/EG; WEEE 2002/96/EG; REACH EG Regulation 1907 – ECHA/PR/10021 dated 13.01.2010;</u> <u>SVHC free, Definition s.S.2, Appendix XIV</u>		
Disclaimer		Availability
The information given and, in particular, any parameters, should be used for guidance purpose only. The Company does not give any warranty that the product will be suitable for the use intended by the Costumer. We reserve the right to make alternations of the data and the properties of the material without notice		Colour: White, Blue as well as others on request.

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*DIN 53479 A ISO/R 1183

** DIN 53505 IN EN ISO868

*** DIN ISO 815