

Material		Properties
Silicone Rubber Profile 5.0mm dia. White 40Sh.A Food Approved		Directives: EU1935/2004, 2023/2006; FDA 177.2600; USDA 3-A Sanitary standard 18-03 (See also below)
Technical data		Applications
General Properties	Specification Limits (Typical Value)	The material is according to Reach and RoHS Silicone Rubber Grade 40 FDA is suitable for food, medical + pharmaceutical applications, physiological harmless, bacteriological indifferent, allergy uncommitted, fungicide, non-toxic, non corrosive, non sticky, nonconductive, repeated sterilization.
Hardness**	40 Sh.A. ±5	
Density*	1,12 g/m ³ ±0.1	
Compression Set***	Max 45% (22h / 175°C)	
Mechanical Properties		
Tensile Strength	9.5 MPa	
Elongation to Failure	Min. 550%	
Tear Strength	Min. 16.0 N/mm	
Brittle Point	-80°C (Q.com)	
Thermal Conductive	0.24 (W.m ⁻¹ .K ⁻¹)	
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 Rubber Profile 5.0mm dia. 40Sh.A white 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> <u>EU Directive: 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: Translucent, Blue as well others on request. Thickness: Hardness: 30 Sh.A to 80 Sh.A

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*DIN 53479 A ISO/R 1183

** DIN 53505 IN EN ISO868

*** DIN ISO 815