Technical datasheet

Silicone transparent, FDA compliant

Basic information	Specification
Basic elastomer	SI
Fabric ply	without ply
Description/features	Transparent silicone quality with medium hardness with excellent heat- and cold resistance as well as very good mechanical properties, especially resistant to acids, alkaline solutions and ageing, suitable for contact with food products according to FDA-guidelines, FDA Declaration of Conformity can be issued on request*
Format	**Rolls:** 1 mm to 6 mm available in 1.2 m x 10 m 8 mm and 10 mm available in 1.2 m x 5 m
Colour	transparent

Technical data	Standard term/Specification	Unit	Testing method
Density	1.25	g/cm³	DIN EN ISO 1183-1
Shore A	40, 50 and 60	°Sh A	DIN ISO 7619-1
Tensile strength	6	N/mm²	DIN 53504
Elongation at break	300	%	DIN 53504
Abrasion	n.a.	mm³	DIN ISO 4649 method A
Temperature range	from - 80 to + 225	°C	

Resistance	Standard term/Specification
Oil	n. sp.
Fuels	n. sp.
Acids	⊕ ⊕
Alkaline solution	⊕ ⊕
Weather	⊕ ⊕

Legend		
⊕ ⊕ = particularly resistant	⊖ = not resistant	n.sp. = not specified
⊕ = resistant		n.a. = not applicable

Product-related special properties can be tested in our in-house laboratory. If necessary separate standards and testing standards deviating from DIN may be specified.
*order-relate only

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