Silicone Molded Parts

Quality
Hardness: 20° up to 90° Shore A DIN 53505

Temperature resistance:
- Standard: -60° C up to +250° C
- Special qualities: -100° C up to +300° C

Tolerances
M2 DIN ISO 3302-1
Other tolerances upon request

Dimensions
Max. Ø x H: Ø 550 x 120 mm
Max. LxWxH: Ø 950 x 550 x 120 mm

Colors
Translucent or other colours by arrangement

Applications
- Economic production of small batch sizes, large item measurements as well as high wall thicknesses
- Peroxide-cured and platinum-catalysed materials
- Silicone-metal compounds
- High-voltage insulators
- Silicone tissue connections for maximum heat resistance
- Wide production range (i.a. cuffs, hollow parts, bellows, corrugated tubes, o-rings and much more)

Other moldings upon request
Silicone Molded Parts LS

Quality
- Hardness: 10° up to 80° Shore A, DIN 53505
- Temperature resistance: -60°C up to +250°C
- Food grades upon agreement conform with BfR XV.Silicone and FDA § 177.2600
- Medical grades upon agreement conform with USP Class VI and ISO 10993

Item weight
Minimum: 0.2 g and Maximum: 710 g

Colors
Translucent or other colours by arrangement

Applications
- Economic production of medium and large series
- Material-wise self-contained manufacturing system for highly sensitive items
- Execution with a high degree of transparency possible
- Platinum-catalysed materials

Tolerances
M2  DIN ISO 3302-1
Other tolerances upon request

Dimensions
Max. Ø x H:  Ø 450 x 100 mm
Max. LxWxH:  600 x 450 x 100 mm

Combined manufacturing
Compound of extrusion parts and metal parts possible
Silicone Frames

Quality
- Hardness: 15° Shore up to 85° Shore A DIN 53505 according to extruded material
- Food grades upon agreement conform with BfR XV.Silicone and FDA § 177.2600
- Medical grades upon agreement conform with USP Class VI and ISO 10993

Colors
Translucent or coloured (according to extruded material)
Other colours upon request

Manufacturing Technology
End to end vulcanisation, tight corner vulcanisation, scorch

Production Program
Rings, frames, connections (corner, elbow), confections

Tolerances
E2/ L2 DIN ISO 3302-1
Other tolerances upon request

Dimensions
Inside ring diameter: minimum 150 mm
Inside frame diameter: minimum 200 mm x 200 mm
Silicone Sheet

Dimensions and Thickness
- 200 x 200 mm: 0.25 mm* and 0.50 mm*
- 300 x 300 mm: 1.00 mm*, 1.25 mm, and 1.50 mm*
- 425 x 425 mm: 1.0 – 30.0 mm

*on stock
Silikon, 60 +/- 5° Shore, translucent platinum-catalysed

Quality
- Hardness from 20° up to 80° Shore A DIN 53505, depending on thickness
- Temperature resistance from -60° up to +250° C, special qualities up to +300° C

Tolerances
- +/- 0.05 mm
- +/- 0.1 mm
- M2 DIN ISO 3302-1
  or min. +/- 0.2 mm up to 5 mm thickness, min. +/- 0.3 mm from 5 mm thickness

Colors
Translucent or other colours by arrangement

Conformity
According to recommendations/ regulations:
- BfR XV.Silicone
- FDA § 177.2600
On request, USP Class VI and ISO 10993