

# Silicone

3d printed elastomer in real Silicone.



## Description:

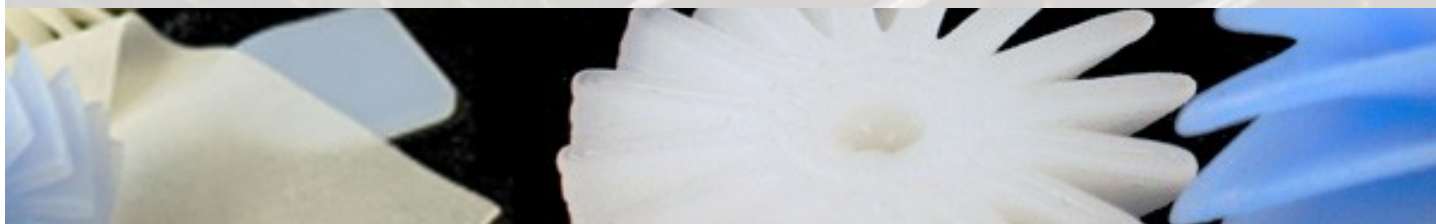
Real 100% pure LSR silicone 3d printed in a range of Shore A values showing good mechanical and electrical properties. Available in a range of colours. Soluble support technology gives you maximum design freedom. 1mm minimum walls and features.

## Why Choose.

- Excellent temperature range from -55 to +180°C.
- Bio Compatible to ISO10993 and USP Class VI.
- Excellent Chemical and UV resistance.
- High gas permeability.

## Applications:

- Gaskets and seals.
- Robot Grippers.
- Medical. Automotive, Aerospace
- Prototypes.
- Short runs of 'end use' rapid manufacture designs.



General Properties	Value (XY Axis)	Test Method
Part Density	1.10 g/cm <sup>3</sup>	DIN EN ISO 1183-1A
Temperature Range	-55°C to +180°C	
Elongation at break	350%	ISO 37 Type 1
Tensile Strength	>6.00 N/mm <sup>2</sup>	ISO 37 Type 1
Tear Strength	>25 N/mm	ASTM D 624 B
Rebound resilience	68%	ISO 4662
Build Volume	480 x 480 x 300 mm	<b>**Data based on Shore A=40**</b>

*This data sheet contains approximate values. These values are influenced by part's geometry, additives, and environmental influences. They were developed based on current experiences and knowledge. Therefore, the above mentioned properties cannot be claimed legally binding nor can a definite purpose be derived.*

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