



Solid Specification Grade Silicone Sheet Rubber

Description: 60 Duro Silicone Rubber Sheet
Specifications: Silicone (MQ) Rubber
ZZR-765 CL2A/B GR 60
ASTM D2000-99 M 1 GE 605 SAE AMS-3303
Temperature range -80°F to 450°F

Typical Rubber Properties	Test Method	Typical Value
Hardness (Shore A)	ASTM D2240	60 +/-5
Tensile Strength (psi)	ASTM D412	650 psi min
Elongation (2A,2B)	ASTM D412	150% min, 100% min
Compression Set (2A,2B)	ASTM D395	40% max, 25% max
Heat Resistance (150C @ 70 Hrs.)		
Change in Hardness	ASTM D2240	+/- 10
Change in Tensile %	ASTM D412	-20 max
Change in Elongation %	ASTM D412	-40 max
Finish	Visual	Plate/Smooth
Color	Visual	Red/Orange

Thickness & width as specified

General Polymer Characteristics:

Silicone rubber is a very versatile material by the mere fact that the temperature range is more extreme than other synthetic rubbers. The silicone rubber is inert, very flexible and can be used in medical and FDA environments. In addition to temperature, silicone rubber has superior resistance to water and makes an excellent electrical insulator.

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