

MATERIAL DATA SHEET

Silicone Rubber Sheet (Translucent)

DESCRIPTION

Silicone rubber is an excellent product with high and low temperature properties and dielectric strengths. This product has good resistance to wateraging, heat, UV and chemicals. Silicone Rubber Sheet has low permeability to gas and air. Silicone rubber can be used for high temperature gaskets, O ring seals and in food areas.

COMPOSITION

Silicone Rubber Red

PROPERTIES

Colour	Translucent
% Of Polymer	Silicone Rubber
Specific Gravity ASTM-D412	1.25g/cm ³
Tensile Strength (MPa) ASTM-D412	6.8
Material Hardness (Shore A)	40 +/-5%
Elongation ASTM-D412	460%
Temperature Range	-40 ° C to +/- 220 ° C
Compression set % 24h @ 150°C	13
Tear resistance Kn/m	22

AVAILABILITY

Thickness (mm)	1mm, 1.5mm, 3mm, 4mm, 5mm, 10mm – 20mm
Width (mm)	Standard sizes 1200mm, available up to 2000mm
Length (m)	10m roll – 20m roll

RESISTANCE

UV Rating	Excellent
Weathering	Excellent
Tear Resistance	Very Good
Abrasion Resistance	Very Good
Fire Retardant	Very Good
Oil & Petroleum Products	Good
Acids	Good
Acids (Diluted)	Excellent
Water Swell Resistance	Excellent

The above specifications are supplied as a general guide.

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