

SILICONE RUBBER SHEET

Smooth & Soft Surface | Heat Resistant | Oil & Chemical Resistant | UV & Ozone Resistant



Overview

Duratuf Silicone Rubber Sheet is made from Silicone Polymer, which is very inert, flexible, non-toxic & light weight. No carbon or toxic chemicals are used in their manufacturing. It has very high temperature resistance and is completely UV stable, making it highly resistant to ozone effects and extreme weather conditions. Silicone rubber has good physical properties and will maintain its flexibility over a wide temperature range.

Our Silicone Rubber Sheet has low thermal and electrical conductivity and high dielectric strength making it suitable for critical electrical and electronic insulating and isolating applications. It also has good resistance to oil, greases and a wide range of chemicals, acids & alkalis. It is available in a variety of choices depending on its hardness, specific gravity, colour, physical properties & surface finish.

Technical Information

Product Code	Polymer	Sp. Gravity	Hardness (Shore A)	Tensile Strength (Min.)	Elongation (Min.)	Colour	Surface Finish
RS-SI-16060S-REDPP	100% SI	1.60 ± 0.05	60° ± 5°	4 MPa	250%	Red	Top & Bottom - Plain
RS-SI-16060S-CUS	100% SI	1.60 ± 0.05	60° ± 5°	4 MPa	250%	White & Black	Top & Bottom - Plain
RS-SI-12560P-REDPP	100% SI	1.25 ± 0.05	60° ± 5°	7 MPa	350%	Red	Top & Bottom - Plain
RS-SI-12560P-TLSP	100% SI	1.25 ± 0.05	60° ± 5°	7 MPa	350%	Translucent	Top & Bottom - Plain
RS-SI-CUS	100% SI	1.15-1.60 ± 0.05	40°-80° ± 5°	4-9.5 MPa	250-800%	Any	Top & Bottom - Plain

S – Standard Grade | P – Premium Grade | CUS - Custom Design

Standard Thickness	2mm, 3mm, 5mm, 6mm, 10mm, 12mm, 16mm, 20mm, 25mm
Standard Roll Size	1200mm x 10Mtrs for upto 6mm & 1200mm x 5M for upto 25mm thick
Temperature Range	-50°C to +250°C

Cut lengths, strips, custom shapes, surface finish and colours are available upon request

Note: Manufacturing tolerance of ± 10% on thickness, ± 5% on length & ± 2% on width shall be applicable



Applications

Duratuf Silicone Rubber Sheet has been designed primarily for use as a flexible strip, pad, lining or gasket and is mainly used for Sealing, Insulating, Isolating and Protecting, steel or other surfaces in sensitive and critical high temperature applications. Its properties make it suitable for use in a wide range of applications including:

- > Flange gaskets on pipes and tanks
- > Electrical and lighting fixture seals
- > Transfer and joining sleeves
- > Weatherproof flashing
- > Thermal and electrical insulation
- > Insulating strip
- > Isolation barriers
- > Vacuum forming blankets
- > Dryer Fan housing seals
- > High temperature loading socks
- > Heat resistant expansion joints
- > Variety of sealing applications

Inquiry/Ordering Info

- > Thickness x Width x Length *
- > Hardness *
- > Specific Gravity *
- > Colour *
- > Surface Finish *
- > Tensile Strength & Elongation *
- > Total Quantity Required *
- > Working Temperature in °C
- > Application/End Use

* Mandatory