

**Item Code:** SM140

**Item Description:** Red Silicone Non Toxic Grade 60° shore

**SM140 Red Silicone Non Toxic Grade 60° shore** is high quality sheeting for demanding applications with excellent heat and flame resistance together with very good aging and weathering characteristics and suitable for use with food and drink.

- Material Profile: See below
- Thickness: 1.0mm to 10mm
- Sheet Size: 1.2m wide in 5m and 10m rolls
- Finish: Smooth finish,
- Cutting: Standard press-tools

**Other grades, colours and finishes are available - subject to minimum batch quantities**

**This Product is REACH, RoHS, PAH and CE Compliant**

#### Technical Information

Material	Silicone
Application	Chemical Resistant, Food / Drink, High Temperature, Weather / Ozone
Shore Hardness +/- 5°	60
Thickness	1mm, 1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm, 10mm
Temp Range	-60°C, -50°C, -40°C, -30°C, -20°C, -10°C, +70°C, +80°C, +90°C, +100°C, +110°C, +120°C, +140°C, +150°C, +180°C, +200°C
Colour	Red
Insertion Req	No
Cloth/Plate	Plate / Plate
Resistant To	Please Call

**Item Code:** SM140

The stock roll size chart represents our standard stock range and items stated are not subject to any minimum batch quantities. Other size requirements for thickness, width, length or finish can be made to special order but would be subject to minimum production batch runs.

**This normally would be:-**

- 1mm – 6mm thick – 100 linear metres,
- 8mm – 25mm thick – 50 linear metres,
- Over 25mm thick – 10 sheets.

Further details given upon request.

**Surface Finish Codes:-**

- SS – Smooth finish both sides
- CC – Cloth Impression both sides
- CS – Cloth impression one side, smooth the other



Stock Sheet Sizes	Surface	Weight	Specifications	Values
[m x m x mm]	[finish]	[kg/M2]	[compound]	[typical]
1mm x 1200mm x 10m	SS	1.20	Colour	Red
1.5mm x 1200mm x 10m	SS	1.80	Compound	SI
2mm x 1200mm x 10m	SS	2.40	Density [specific gravity]	1.20
3mm x 1200mm x 10m	SS	3.60	Hardness [Degrees Shore A]	60° ± 5°
4mm x 1200mm x 10m	SS	4.80	Tensile Strength [Mpa]	6.0
5mm x 1200mm x 10m	SS	6.00	Elongation at break	300
6mm x 1200mm x 10m	SS	7.20	Minimum Temperature	-60°C
10mm x 1200mm x 5m	SS	12.00	Maximum temperature	+200°C
			Compression Set (70°C for 22 hours)	40
			%	

All recommendations and information contained in this specification sheet are to the best of our knowledge correct. Since conditions of service are beyond our control, users must satisfy themselves that the products are suitable for the intended use. No warranty is given or implied in respect of information or recommendations or that any use of products will infringe rights belonging to other parties. In any event or occurrence our liability is limited to the invoice value of our goods delivered to you. We reserve the right to change product design and properties without notice.