

# SM14004

Red Silicone FDA & EU1935 Approved 60° Shore

**Item Code:** SM14004

**Item Description:** Red Silicone FDA and EU1935 Approved 60° shore

**SM14004 RED Silicone Food & Drink 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. Meets FDA 21 CFR No: 177 – 2600 and EU1935/2004 regulations and Class V1 Compliant.

- Material Profile: See Below
- Thickness: 1.0mm to 12mm
- 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, FDA APPROVED, Flame Resistant, Food / Drink, High Temperature, Weather / Ozone
Shore Hardness +/- 5°	60
Thickness	1mm, 1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm
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, -90°C
Colour	Red
Insertion Req	No
Cloth/Plate	Plate / Plate
Resistant To	Please Call

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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 Kg/cm2 [Polymer]	60
5mm x 1200mm x 10m	SS	6.00	Elongation at break	250
6mm x 1200mm x 10m	SS	7.20	Minimum Temperature	-90°C
8mm x 1200mm x 10m	SS	9.60	Maximum temperature	+200°C
10mm x 1200mm x 10m	SS	12.00	Compression Set (70°C for 22 hours) %	
12mm x 1200mm x 10m	SS	14.40		
15mm x 1200mm x 10m	SS	18.00		
20mm x 1200mm x 10m	SS	24.00		