

Item Code: SM117

Item Description: Black Commercial Grade NR / EPDM Rubber 65° Shore

SM117 Black Commercial Grade NR / EPDM Rubber 65° Shore suitable for use in medium range applications such as low pressure pipe seals, man-way gaskets, weather strip

- Material Profile: See below
- Thickness: 1mm to 25mm
- Sheet Size: 1.4m wide in 5, 10 and 20m 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	NR / EPDM
Application	General Purpose
Shore Hardness +/- 5°	65
Thickness	1mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm, 12mm, 15mm, 20mm, 25mm
Temp Range	-20°C, -10°C, +70°C, +80°C, +90°C, +100°C
Colour	Black
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 1400mm x 20m	SS	1.40	Colour	Black
1.5mm x 1400mm x 20m	SS	2.10	Compound	EPDM/SBR
2mm x 1400mm x 20m	SS	2.80	Density [specific gravity]	1.40
2.5mm x 1400mm x 10m	SS	3.50	Hardness [Degrees Shore A]	65° ± 5°
3mm x 1400mm x 10m	SS	4.20	Tensile Strength [Mpa]	5.0
4mm x 1400mm x 10m	SS	5.60	Elongation at break	350
5mm x 1400mm x 10m	SS	7.00	Minimum Temperature	-20°C
6mm x 1400mm x 10m	SS	8.40	Maximum temperature	+100°C
8mm x 1400mm x 5m	SS	11.20	Compression Set (70°C for 22 hours)	35 %
10mm x 1400mm x 5m	SS	14.00		
12mm x 1400mm x 5m	SS	16.80		
15mm x 1400mm x 5m	SS	21.00		
20mm x 1400mm x 5m	SS	28.00		

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