

Item Code: SM147

Item Description: Black High Temperature Butyl Rubber 65° shore

SM147 Black High Temperature Butyl Rubber 65° shore is a high quality butyl (IIR) material at 60° shore hardness. Butyl has very high impermeability to gases, ozone, ultra violet light and weathering. Butyl also has high chemical resistance and is particularly good where high or low temperatures prevail.

- Material Profile: See below
- Thickness: 1.5mm to 10mm
- Sheet Size: 1.4m wide in 5m, 10m and 20m rolls
- Finish: Smooth finish,
- Cutting: Standard press-tools

This Product is REACH, RoHS, PAH and CE Compliant

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

Technical Information

Material	Butyl
Application	Chemical Resistant, High Temperature, Oil / Fuel Resistant, Weather / Ozone
Shore Hardness +/- 5°	65
Thickness	1mm, 1.5mm, 3mm, 5mm, 6mm, 10mm
Temp Range	-40°C, -30°C, -20°C, -10°C, +70°C, +80°C, +90°C, +100°C, +110°C, +120°C, +140°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

Product Information Sheet

Stock Sheet Sizes	Surface	Weight	Specifications	Values
[m x m x mm]	[finish]	[kg/M2]	[compound]	[typical]
1mm x 1400mm x 20m	SS	1.20	Colour	Black
1.5mm x 1400mm x 20m	SS	1.80	Compound	IIR
3mm x 1400mm x 10m	SS	3.60	Density [specific gravity]	1.20
5mm x 1400mm x 10m	SS	6.00	Hardness [Degrees Shore A]	65° ± 5°
6mm x 1400mm x 10m	SS	7.20	Tensile Strength [Mpa]	5.0
10mm x 1400mm x 5m	SS	12.00	Elongation at break	350
			Minimum Temperature	-40°C
			Maximum temperature	+140°C
			Compression Set (70°C for 22 hours)	35
			%	

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