

Black Shotblast Rubber Sheeting 60° Shore Datasheet

Product Code: RC0313

Product Description

Our Black Shot Blast Rubber Sheeting has a high abrasion resistant property that makes it particularly suitable for applications inclusive of scraper blades, snow plough rubbers and hard chute lining.

The sheeting is made from a Styrene Butadiene Rubber with a hardness rating of 60° shore.



Available In -



Full Rolls

Cut to strip

Bespoke Gaskets

Technical Specification



Properties	Test Method	Values (FPS Units)	Test Method	Values (Metric Units)
Specific Gravity	DIN 53508	1.17 ± 0.05	ASTM D297	1.17 ± 0.05
Hardness	DIN 53505	60 ± 5 Sh A	ASTM D2240	60 ± 5 Sh A
Tensile Strength	DIN 53504	1638 PSI	ASTM D412	115 kg/cm ²
Elongation at Break	DIN 53504	450%	ASTM D412	450%
Abrasion Resistance	DIN 53516	120 mm ³	ASTM D5963	120 mm ³
Compression Set (70°C/24hrs/25% compression) (max)	DIN ISO 815-1	30%	ASTM D395 METHOD B	30%
Tear Resistance (angular) min	DIN 53515	168 lbs/inch	ASTM D624	30 kg/cm
Antistatic Characteristic	ASTM D257	10 ⁵ to 10 ⁹	ASTM D257	10 ⁵ to 10 ⁹
Temperature Range		-25°C to +70°C		



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Technical Data - Change In Properties After

Properties	Values (FPS Units)	Test Method	Values (Metric Units)
Heat Ageing For (72hrs at 70°C)	-	ASTM D573	
Hardness (Pts)	+ 5 (Max)	-	+ 5 (Max)
Tensile Strength (%)	+10 / -25	-	+10 / -25
Elongation at Break (%)	+10 / -25	-	+10 / -25
Volume Swell: at 70°C for 72hrs	-	ASTM D471	
In IRM Oil No.1	NOT RECOMMENDED	-	NOT RECOMMENDED
In IRM Oil No.2	NOT RECOMMENDED	-	NOT RECOMMENDED
In IRM Oil No.3	NOT RECOMMENDED	-	NOT RECOMMENDED
Chemical Resistance			
Ozone	FAIR	ASTM D1149	FAIR
Dilute Acids & Bases	GOOD	-	GOOD
Concentrated Acids & Bases	NOT RECOMMENDED	-	NOT RECOMMENDED
Oils	NOT RECOMMENDED	-	NOT RECOMMENDED
Solvents	NOT RECOMMENDED	-	NOT RECOMMENDED

Standard Sizes

Properties	Tolerances
1mm x 1.4m x 10m	+/- 0.2mm
1.5mm x 1.4m x 10m	+/- 0.3mm
3mm x 1.4m x 10m	+/- 0.3mm
4mm x 1.4m x 10m	+/- 0.4mm
5mm x 1.4m x 10m	+/- 0.4mm
6mm x 1.4m x 10m	+/- 0.5mm

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Made To Order Sizes - Subject To Minimum Order Quantities

Properties	Tolerances
0.5mm x 1.4m x 10m	+/- 0.2mm
8mm x 1.4m x 5m	+/- 0.7mm
10mm x 1.4m x 5m	+/- 1mm
15mm x 1.4m x 5m	+/- 1mm
20mm x 1.4m x 5m	+/- 1.4mm
25mm x 1.4m x 5m	+/- 1.75mm
32mm x 1m x 1m	-
38mm x 1m x 1m	-
40mm x 1m x 1m	-

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