



TECHNICAL SPECIFICATION

Description: Solid Rubber with an Open Cell Core.

This specification has been split down to show the two main components as separate items until the full testing has been carried out.

Application & uses for this material:

Ships watertight Doors
Watertight Hatches
Accommodation Door Sealing
Vent Flaps
Visor Seals any many more applications on a ship.

Sizes Available:

20mm x 20mm / 40mm x 20mm / 38mm x 25mm / 50mm x 25mm / 71mm x 32mm 71mm x 40mm / 94mm x 50mm
other sizes are available upon request please contact our sales department for availability.



Technical Details of the outer Rubber Skin :-

Polymer:	-	Natural -s/b/r & Neoprene blended Rubber		
Shore Hardness (A):		60/70		
Temperature Limits:		+ 120deg C		
		- 20 deg C		
Density:		1.30 s.g		
Tensile Strength:		4 mpa		
Compression Set:		20% Deflection @ 70deg C:	ASTM D1056	15% Maximum
Elongation:		200%		
Tolerances		BS3734 BRMA		

Technical Details of the Open cell Core :-

Polymer:	-	Natural Rubber		
Cell Structure:		Open Cell		
Shore Hardness (A):		18-10 (average)		
Temperature Limits:		+ 70deg C		
		- 40 deg C Intermittent: 85 deg C		
Density:		420kg/m3 (+/-10%)		
		*2117 / 12 / 1A2 - - ASTM D1056-85 (1A2) Medium		
Tensile Strength:		DIN 53577	295kpa	(approx)
Compression Deflection @ 25%:		ASTM D1056	5-9 PSI	(approx.)
Compression Set:		50% Deflection @ 70deg C:	ASTM D1056	15% Maximum
Elongation:		> 235-250%		
Accelerated Ageing:		% change in Compression Defl @ 70%:		+/- 20%

