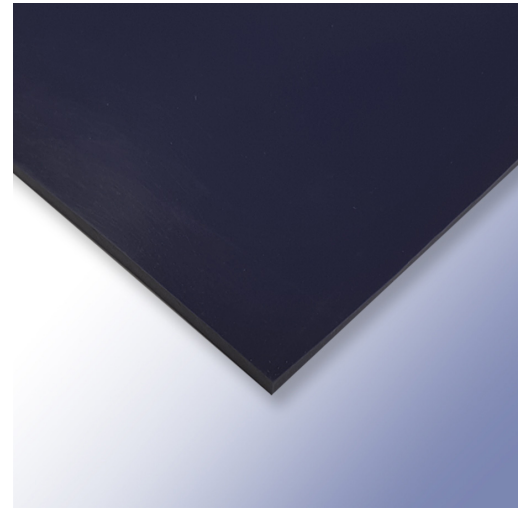## MF775 Silicone Sheet Grey 1000mm x 1.5mm

Product SKU: 3043936

London underground compliant flame-retardant sheeting suitable for use with mass transport systems.

Colour: Grey

Material: Silicone

Operating temperature range: -55°C to 230°C

BS 6853 Category 1A, NF F 16-101 (L0, L2), EN 45545-2 HL2 (R1, R7, R22 and R23), FAR 25/ JAR 25/ CS 25 Flammability Test, Automotive Standard Part 571FMVSS302, LUL S1085, REACH, RoHS, UL94 V0 at 3mm and UL94 V1 on 2mm (Material has been independently tested to the UL94 criteria but is not UL listed as such).

Physical Property	Test Method	Units	Typical Values
Hardness	ASTM D412	ShA	73
Elongation at Break	ASTM D412	%	320
Tensile Strength	ASTM D412	MPa	10.2
Tear Resistance	ASTM D412	kN/m	
Compression Set 24hrs @175		%	20
Brittle Point	ASTM D746	°C	-80
Thermal Conductivity	VDE 0304	$W.m^{-1}.K^{1}$	0.24
Limiting Oxygen Index	BS 2782 Part 1	%	24
Radiation Resistance		Grays	>105
Dielectric Strength	VDE 0303	kV.mm-1	23
Dielectric Constant	VDE 0303		2.9
Dissipation Factor	VDE 0303		3x10-4
Volume Resistivity	VDE 0303	ohms.cm	3x1015