



COBA-Switch

Purpose-designed switchboard matting

- Provides safety for operatives against electrical shocks.
- For use in front of switchboards and high voltage equipment.
- Slip-resistant fine fluted surface.
- 6mm tested to 11,000 volts for 450 volt rated working.
- 9.5mm tested to 15,000 volts for 650 volt rated working.
- 9.5mm conforms to BS921/1976.


Product height: 6mm or 9.5mm

Dimensions (m.)	Weight Kg	Packaging Dimensions (cm.)	Packaging Type	Packaging Volume (m.)	Packaging Quantity	Colour	Part Code
0.9 x 10 (6mm)	87	29 x 29 x 90	Roll	1	6	Black	SM010010
0.9 x per linear metre (6mm)	9	10 x 10 x 90	Roll	1	N/A	Black	SM010010C
1.2 x 10 (6mm)	116	35 x 35 x 90	Roll	1	6	Black	SM010020
1.2 x per linear metre (6mm)	12	12 x 12 x 120	Roll	1	N/A	Black	SM010020C
0.9 x 10 (9.5mm)	137	37 x 37 x 90	Roll	1	6	Black	SM010030
0.9 x per linear metre (9.5mm)	14	14 x 14 x 90	Roll	1	N/A	Black	SM010022A
1.2 x 10 (9.5mm)	183	37 x 37 x 120	Roll	1	6	Black	SM010040
1.2 x per linear metre (9.5mm)	18	16 x 16 x 120	Roll	1	N/A	Black	SM010032A

Material:	Natural rubber base Polymer
Hardness:	650 C +/-50 Shore A
Specific Gravity:	1.56 g/cm ³
Surface Finish:	2mm high ribbed pattern providing safe working with standard 3 phase 450 volt working.
Product Height:	6 mm nominal
Tensile Strength:	5 MPA
Elongation:	250%
Compression Set (22h@700 C):	-28°C
Heat ageing 160 hours @ 700 C:	
Change in Hardness	+2 IRHD
Change in Tensile	-8%
Change in Elongation	-12%
Dialectric Strength	5KV/mm
Electrical Breakdown Strength	11KV minimum
Leakage Current	160mA/m ² max
Weight	10kg/m ² approx.

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The information contained within this datasheet is for guidance only. The data and suggested application are not exhaustive. All dimensions quoted are nominal figures. Please note that some products may be subject to a degree of shrinkage when installed into some applications.

Environmental Resistance:	Use in dry areas.
UV Resistance:	Yes
Typical Applications:	Suitable for use in high voltage areas. Specifically designed for use in front of open switchboards or high voltage equipment. Product ensures safety for operators against electrical shocks.
Installation Method:	Loose lay
Cleaning method:	Hose down or pressure wash using a mild detergent.
Product Performance:	<p>Fatigue:</p> <p>Slip Resistance:</p> <p>Wear:</p> <p>Low † High</p> 
Flame Retardancy:	N/A
Country of Origin:	China

Chemical Data

6mm	Major components: Natural Rubber (NR), Styrene-Butadiene Rubber (SBR) ,White Carbon black Minor components: Zinc Oxide ,Sulfur, Accelerators / Activators (< 1 %), Antioxidant / Stabilizers (< 1 %)
9.5mm	Major components: Natural Rubber (NR), Styrene-Butadiene Rubber (SBR) ,White Carbon black Minor components: Zinc Oxide ,Sulfur, Accelerators / Activators (< 1 %), Antioxidant / Stabilizers (< 1 %)

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