



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	SM010030C
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	SM010040C

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%
Dielectric Strength	5KV/mm
Electrical Breakdown Strength	11KV minimum
Leakage Current	160mA/m ² max
Weight	10kg/m ² approx.

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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:

Fatigue:

Slip Resistance:

Wear:

Low ≠ High



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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