

COBA-Switch



► Description

- 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: 6 mm or 9.5 mm

► Product data

- **Material:** Natural rubber base Polymer
- **Hardness:** 650 C +/-50 Shore A
- **Specific Gravity:** 1.56 g/cm³
- **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):** -280C
- **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/m² max
- **Weight:** 10kg/m² approx.
- **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:** * to ***
- **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 %)

► Dimensions

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