

**PRODUCT DATA SHEET****ESM-450 12/11/2009****Product Name:** Electrical Safety Matting – 450 Volt Working**Product Reference:** ESM-450**General description**

Natural rubber based electrical matting produced in rolls, 6mm nominal thickness with continuous 2mm high ribbed pattern and providing safe working with standard 3 phase 450 volt equipment. Working voltage continuously marked on reverse side.

**Material Properties:**

Tensile strength: 5MPa, min BS 903 [measured after ageing for 10 days at 70° in air oven]

Elongation at break 250% min BS 903 [before &amp; after ageing]

Compression set 10% max BS 903 [assessed using constant load methods described in BS 921]

**Product Properties:**

Electrical breakdown strength: 11kv, min

Leakage current: 160mA/m<sup>2</sup>

Thickness: 6mm, min

Weight: 10kg/m<sup>2</sup>, approx

The information contained in this leaflet is based upon technical data, which we believe to be reliable. The figures quoted are average values given in good faith and whilst all efforts are made to ensure consistency, variations may occur.

