



AK Rubber & Industrial Supplies Ltd

SHEETING • MATTING • GASKETS • STRIP • MOULDINGS
EXTRUSIONS • INDUSTRIAL HOSES • FITTINGS • CLIPS • SEALANTS



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RUBBER MATS FOR ELECTRICAL PURPOSES

The British Standard Specification covering the above is reference number BS 921:1976. In the main it deals with insulating mats made of solid natural or synthetic rubber used as floor coverings near electrical apparatus where circumstances involve the possibility of direct contact with conductors whose voltage does not exceed 650 V R.M.S. (Root Mean Square) to earth.

The Standard contains no provisions relating to the use of rubber mats as secondary insulation for conductors at voltages greater than 650 V R.M.S. to earth.

All mats must be solid and not perforated. The upper surface may have a ribbed, fluted or other suitable pattern, or may be plain. The lower surface may be finished in cloth imprint.

Plain mats shall not be less than 6.5mm in thickness. Patterned mats shall not be less than 6.5mm thickness at the root of the pattern.

All mats shall have a minimum width of 900mm to accord with the regulations concerning the minimum width of a working platform or passageway associated with a switchboard on which there are exposed line conductors. Where the regulations do not apply, the same minimum width is recommended.

All material to this Specification is tested to 15, 000 V R.M.S. with a 650 volt working.

We can now supply a product that complies fully with all the requirements of this Specification. It is manufactured from a natural rubber black compound with a fine fluted upper surface and is finished with a cloth imprint on the back surface.

The fine fluted upper surface of our product gives the additional safety feature of an 'Anti-slip' surface, which under some working conditions can be very important.

We also offer a 6mm thick mat produced from the same material which is tested to 11,000 volts for a maximum 450 volt working.