

## Trafford Rubber Products Ltd

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## INSULATION PATCH MATERIAL

### PRODUCT REFERENCE : INSUL

This product has been used successfully over the past ten years as a unique efficient method of effecting an insulation barrier on bare connectors during live low voltage jointing thus increasing productivity on cable jointing.

The product consists of a sheet of black synthetic fully vulcanised elastomeric material with a brown self amalgamating natural rubber backing protected by a white Holland cloth release material.

The excellent properties enable it to be used as an insulating barrier for service cable / phase connectors, the heat resisting characteristics of the material enable it to withstand joint-box bituminous compound pouring temperatures and also ensures an air tight closure on joints.

To remove the material it is necessary to cut around the edge where it has been bonded. It can then be used on subsequent occasion\* in a similar manner, although it will, of course, be slightly smaller in size.

\*only possible if Holland cloth removed as a barrier and not as a full sheet.

### Advantages of INSUL materials:

- Clean in use, no messy adhesives.
- Reliable, air and water tight.
- Safe. Excellent safety record over 10 years.
- Helps to increase productivity.
- Efficient and speedy in operation.
- Tough.

### SPECIFICATION

Material description	Black insulating layer / Brown Adhesive / White Holland Cloth.
Overall Thickness	1.85 to 2.2mm
Insulation Thickness	1.2 to 1.45mm
Elongation @ Break	150 to 300%
Ultimate Tensile Strength	100 Newtons minimum per 25.4mm width
Adhesion to Self	18 Newtons minimum
Operating Temperatures	-15 to 100 degrees Celsius
Di-electric Strength. Tested at RAPRA Technology	15.2kV/mm
Volume Resistivity. Tested at RAPRA Technology	2.4 Ohm.cm.

Data in the table above represent average test results and should not be used for specification purposes. All statements, technical information and recommendations are based on results of tests and estimates from careful calculations / considerations. They are put forward in good faith but are not guaranteed. In particular the user shall satisfy themselves of the suitability of the product for its intended use and assume all risk and liability in connection therewith.