

## FlexiTred Heavy-Duty Ribbed Matting

Product Code: RC04166

### Key Features

- Tested to ASTM D178 Class 0 (1,000 V working voltage)
- Breakdown voltage of up to 27kV
- Textured, broad-rib surface provides good slip resistance
- Insulates from electrical shock
- Resistant to chemicals, acids and oils
- Provides good insulation from cold, hard floors for underfoot comfort
- Good vibration and acoustic absorption

### Attributes



Electrical Resistance



Chemical-Resistant



Anti-Slip



### Technical Data

| Property            | Test Method  | Value   |
|---------------------|--|---|
| Compound            | -  | Polyvinyl chloride  |
| Chemical Resistance | -  | Resistant to most acids, alkalines and oils   |
| Electrical          | ASTM D178: Class 0<br>ASTM D178: Dielectric Strength AC: Class 4<br>ASTM D178: Dielectric Strength DC: Class 1<br>ASTM D178: Use Voltage Phase-Phase AC Class 1<br>BS 2782: Part 2 Method 230A<br><br>DIN 60243-1: (VDE 0303 part 21): 1999-03 | 1,000 V working voltage<br>40,000 volts<br>45,000 volts<br>7,100 volts<br>Insulation resistance > 2000M Ω<br>Electric strength = 20,000 volts<br>Breakdown Voltage: 27.050 kV eff |
| Elongation at Break | ASTM D178 Type 1 and II  | 291.4 %   |
| Fire Resistance     | UL94 - Horizontal burning test<br>ASTM D1692 Class Type IIB  | Classification 94HB<br>Did not ignite   |
| Moisture Absorption | ASTM D178: Type I and II   | +0.05 %   |
| Reversion           | -  | Thermoplastic shrinkage can result in size reductions up to 2 %   |
| Temperature Range   | -  | -23° C to +60° C  |

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| Property         | Test Method              | Value                        |
|------------------|--------------------------|------------------------------|
| Tensile Strength | ASTM D178: Type I and II | 1775.4 psi                   |
| Tension Set      | ASTM D178: Type I and II | 9.4 %                        |
| UV Resistance    | -                        | Resistant to PVC degradation |
| Environment      | -                        | 100% recyclable              |

## Standard Size

| Stock Size | Thickness | Weight                |
|------------|-----------|-----------------------|
| 10m x 1m   | 4mm       | 4.2 kg/m <sup>2</sup> |

## Colour Options



Black



Light Grey



Blue



Brown

## Installation

Supplied in 10m rolls, FlexiTred is quick and easy to install.

- Loose lay, no permanent fixtures required
- Easy to cut to size
- Holes can be cut to accommodate pipes
- Contours to uneven surfaces

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## Cleaning & Maintenance

Keeping FlexiTred matting clean is a quick and easy job.

- Easy to clean with a vacuum or mop
- No special cleaning tools required

## Approvals



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