



**Toughsheet**<sup>™</sup>  
Building Products

Product Specification

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# 100mm Polythene Jointing Tapes

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## 1. Description

Jointing Tape is a general purpose black polyethylene tape.

## 2. Main Features

Flexible (even at sub-zero temperatures, extensible, conformable and tough). Resistant to moisture, many chemicals such as dilute acids and alkalis and to salt solutions

## 3. Application

Requires only gentle pressure to adhere to almost any clean, dry surface ie. free from dust, oil, grease, or moisture. Undue stretching of the polyethylene tape during application should be avoided, otherwise some degree of “creep-back” will occur. It is best to avoid stretching the last inch of tape or to let it recover for 5 to 10 seconds before sticking it down. The tape is intended for use at normal temperatures, although lower temperatures down to  $-50^{\circ}\text{C}$  will not adversely affect it once it has been satisfactorily applied.

## 4. Average Properties

Thickness	0.15mm (0.006 inches)
Breaking Strength	18N/cm (4.5kg per 25mm)
Elongation at Break	400%
Adhesion to Steel	3.2N/cm (800g per 25mm)
Adhesion to Backing	1.5N/cm (375g per 25mm)
Temperature Resistance	can be used up to $60^{\circ}\text{C}$
Water Extract	Neutral (ie acid-free) pH 5.5 to 8.0

(Method of test BS3924)	Conductivity 900 $\mu$ S/m
Copper Discolouration	None
Water Vapour Permeability	5g/m per 24 hours (at 38°C and 90% RH)
(Method of Test DEF STAN 75-1)	(Method of Test DEF STAN 75-1)
Insulation Resistance	10 ohm-m
Breakdown Voltage	78kV/mm (12kV for one layer)

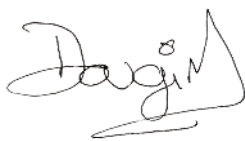
Managing Director

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Dougie Mercer

Signature

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Date

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16.12.2024

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