

**HIGH PERFORMANCE
MEMBRANE TAPE**

Version No.1

Revision Date: 01/05/12

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DESCRIPTION

High Performance Membrane Tape is an extruded butyl tape designed for use for joining membranes, providing a superior barrier to gases such as methane and radon.

KEY FEATURES

Good adhesion to a wide range of substrates.

Easy and accurate to use with little waste and no mess.

Effective barrier against methane and radon gases.

Remains flexible throughout its service life.

High tack.

Conforms to IVD Instruction Sheet No 5

USES

For joining membranes used in building and construction to prevent the passage of water, air, methane and radon.

PERFORMANCE

	UNIT	NOMINAL VALUE	TEST METHOD
Dynamic Tensile Adhesion	N/cm ²	24	H5
Dynamic Shear Adhesion	N/cm ²	20	H15
T-Peel Adhesion to 250 micron PE membrane	N/cm	17	H45
Specific Gravity	g/cm ³	1.5	DIN EN ISO 10563
Moisture Vapour Transmission Rate	g/m ² /24hr/mm	0.03	ISO9932 / BS ISO 15106
Service Temperature Range	°C	-40 to +90	

H – HS Butyl Test Method

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APPLICATION

PROPERTIES

Application temperature range: +5°C to +40°C

Shelf life: 24 months when stored flat in original packaging in cool, dry conditions.

INSTRUCTIONS

Surface preparation: All surfaces should be clean, dry and free from frost, grease and loose materials. When cleaning contaminated substrates, HS Butyl recommend that propan-2-ol (IPA) is used and allowed to dry prior to the application of the butyl tape.

Application: Apply direct from the reel onto one surface and press sufficiently along its whole length to achieve good initial adhesion. Remove backing paper and offer other surface to the butyl tape and push firmly to seal across the joint. The use of a roller to roll the joint, using firm pressure, is recommended to get a good bond.

PACKAGING

1mm x 15mm x 25m – 20 rolls per box
 2mm x 15mm x 22.5m – 20 rolls per box
 1mm x 30mm x 10m – 24 rolls per box
 1mm x 30mm x 20m – 12 rolls per box
 1.5mm x 30mm x 10m – 12 rolls per box

2mm x 30mm x 22.5m – 10 rolls per box
 1mm x 50mm x 20m – 6 rolls per box
 1.5mm x 50mm x 10m – 6 rolls per box
 8mm bead x 6m – 22 rolls per box
 10mm bead x 4.75m – 20 rolls per box

Available colours: Grey.

TOLERANCES

Rectangular sections:

Thickness \pm 10%

Width: up to 25mm \pm 1mm

26mm to 100mm \pm 2mm

Bead sections:

Thickness \pm 10%

Width \pm 10%

GENERAL

High Performance Membrane Tape is part of a range of butyl products for Construction & Membranes markets. For further information, please contact our Customer Care Team or visit our Website.

The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE.

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