



Sealants & Tapes

BT



Description

General purpose butyl tape.

- Good adhesion to a wide range of substrates.
- Highly conformable.
- Remains flexible throughout its service life.
- Good UV resistance
- Easy and accurate to use with little waste and no mess.

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 tape and push firmly to seal across the joint.

Performance

| | Unit | Nominal Value | Test Method |
|-----------------------------------|---------------------------|---------------|------------------------|
| Dynamic Tensile Adhesion | N/cm ² | 40 | H5 |
| Dynamic Shear Adhesion | N/cm ² | 12 | H15 |
| 90 ° Peel Adhesion | N/cm | 7 | H48 |
| 180 ° Peel Adhesion | N/cm | 8 | H41 |
| Specific Gravity | g/cm ³ | 1.7 | H6 |
| Moisture Vapour Transmission Rate | g/m ² /24hr/mm | 0.17 | ISO9932 / BS ISO 15106 |
| Service Temperature Range | °C | -40 to +90 | |
| Short Term Temperature Range | °C | +120 | |

Uses

- For sealing lap joints in roofing and cladding systems.
- For use as an air, dust or water seal for compression joints and seams.
- For sealing duct flanges in HVAC systems.
- For sound deadening applications, particularly in vehicle construction.
- For use as a water seal in various caravan construction applications.

Properties

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

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

Tolerances

Rectangular sections: Thickness ± 10%

Width: up to 25mm ± 1mm
26mm to 100mm ± 2mm
over 100mm ± 3mm

Bead sections: Thickness ± 10% Width ± 10%