

# PRODUCT DATA SHEET

# HS BUTYL

## 0303

Version No.3

Revision Date: 02/01/2019

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### DESCRIPTION

0303 is a general purpose butyl tape.

### KEY FEATURES

Good adhesion to a wide range of substrates.

Good UV resistance.

Highly conformable.

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

Remains flexible throughout its service life.

### USES

For sealing lap joints in roofing and cladding systems.

For sound deadening applications, particularly in vehicle construction.

For use as an air, dust or water seal for compression joints and seams.

For use as a water seal in various caravan construction applications.

For sealing duct flanges in HVAC systems.

### PERFORMANCE

	UNIT	NOMINAL VALUE	TEST METHOD
Dynamic Tensile Adhesion	N/cm <sup>2</sup>	40	H5
Dynamic Shear Adhesion	N/cm <sup>2</sup>	12	H15
90 ° Peel Adhesion	N/cm	7	H48
180 ° Peel Adhesion	N/cm	8	H41
Specific Gravity	g/cm <sup>3</sup>	1.7	H6
Moisture Vapour Transmission Rate	g/m <sup>2</sup> /24hr/mm	0.17	ISO9932 / BS ISO 15106
Service Temperature Range	°C	-40 to +90	
Short Term Temperature Range	°C	+120	

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 tape and push firmly to seal across the joint.

### PACKAGING

The product is normally supplied as an extruded strip on a siliconised release paper. A wide range of dimensions can be supplied. Product dimensions will determine the number of rolls per carton.

Available colours: Black, grey, teak and white.

### TOLERANCES

Rectangular sections:

Thickness  $\pm 10\%$

Width: up to 25mm  $\pm 1$ mm

26mm to 100mm  $\pm 2$ mm

over 100mm  $\pm 3$ mm

Bead sections:

Thickness  $\pm 10\%$

Width  $\pm 10\%$

### GENERAL

0303 butyl tape is part of a range of butyl products for Construction, Caravans, & HVAC 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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