

## Technical Data Sheet 0820 Black Butyl

### **Product Description**

Black preformed high performance polyisobutylene (PIB) based sealing tape.

### **Applications**

**Roofing & Cladding** industry where it creates an excellent seal in situations such as side and end lap joints and the bead section particularly recommended for large corrugated end lap sheet profiles.

**Heating & Ventilation** market has found this product to be preferable to other methods of sealing flanges on ducting due to its ease of use and solvent free formulation.

**Automotive** uses include sealing around the frames of sun roofs.

**Greenhouse** manufacturers include this product to seal between the glazing and framework.

**Caravan** manufacturers have many applications such as sealing between mouldings and the outer skin, lap joints on the body work and other areas where fittings are attached piercing the outer skin.

**Fire Protection** is enhanced by use of an intumescent version 0802FR.

**Damp Proofing** is used for bonding & sealing applications such as cavity trays and polythene membranes giving full Radon & Methane gas protection.

### **Features & Benefits**

Cost effective

Non toxic

Solvent free formula

Instant seal

Direct control over quantity of sealant used in the joint

Environmentally friendly

Easy to use

No tooling required

High pumping resistance

### **Application notes**

Should be applied to surface between +4 and +40°C temperature range, surfaces should be clean, dry and grease free. Unwind and lightly press into position leaving the release paper in place. On forming the joint the release paper is removed and the closing surface pushed firmly in place, applying even pressure along the length of the joint and mechanically fixed.

The information supplied is accurate to the best of Fossewaytapes & Fixings Ltd knowledge and is based upon all current data available to it. Properties quoted are typical and do not therefore constitute a specification. Customers must complete their own assessment of the product for its intended application under their own conditions. Our technical advice is to be regarded as an expression of opinion only and although such advice is given in good faith, it shall not, in any circumstances, be regarded as the basis of or as being a representation or statement of fact. This applies also where propriety or protective rights of third parties are involved. Any liability arising in respect of our products will be strictly limited to the value of those products charged to the customer and shall not extend to any consequential loss whatsoever and howsoever arising. This document does not form part of any contract with a customer (02/05/13)

### Technical Performance

Description	Units	Value	Test Method
Total thickness	mm	1.5	Digital calliper
Life expectancy	years	20	-
UV resistance	-	excellent	-
Service temperature	°c	-40 to +90	-
Application temperatures	°c	+4 to +40	-
Joint movement	%	15	-
Dynamic shear (Std 180 grit stainless steel) Separation rate 100mm/min @ 20°C	N/cm <sup>2</sup>	24	-
Dynamic shear (Std 180 grit stainless steel) Separation rate 200mm/min @ 20°C	N/cm <sup>2</sup>	22	-
Moisture vapour transmission rate 24hrs/mm at 25°C & 75% RH	g/m <sup>2</sup>	0.025	BS15106-3
Methane permeation	Methane CH <sub>4</sub>		PASS
Radon Transmission	Radon-222		PASS

### Declaration of Conformity Information

Tested and approved to NFRC class "A".

Methane permeation was tested according to ISO15015-2 plastics, film and sheeting determination of gas-transmission rate – Part 2: Equal-pressure methods.

Radon transmittance was tested in accordance with SP Method no 3873.

**REACH SVHC Status** - NO SHVC present according to candidates list of the **UK 25/06/20 & EU 17/01/22**

**RoHS Compliance Status** - Not Applicable

### Storage Details

Shelf life recommended 18 months from date of despatch at the moderate temperature and humidity environment.

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