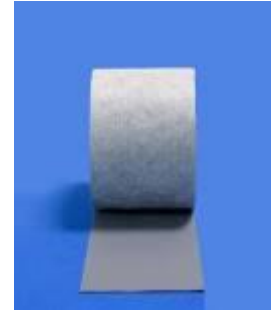


Tec-Seal BV Butyl with polyester fleece coating on one side



Material description:

Sealing material based on elastic butyl, with low vapour permeability, good resistance against heat, cold, oxygen, ozone, very good ageing resistance, very good long-term heat resistance (up to +90 °C) and very good flexibility at low temperatures (to -40 °C). The butyl is resistant to alkalis, acidic solutions and salt solutions, against water and water vapour, and against polar solvents such as alcohol and ketone.

Typical applications:

The butyl sealing strip is used mainly for airtight, watertight, and vapour-tight sealing of window joints as well as internal façade connections. It possesses high lateral elongation, allows good bonding at seams, is very ductile, and is economically attractive for simple applications. If required, it can be provided with a butyl or acrylic adhesive strip on one side.

Main markets:

Building construction, chemical industry, machine and equipment manufacturing

Technical data:

Property	Unit	Value	Test standard
Elastomer basis		IIR	ISO 1629
Colour		grey	
Thickness	mm	0.30	EN ISO 2286-3
Tensile strength	N/5cm	> 50	EN ISO 13934-1
Elongation at break	%	> 20	EN ISO 13934-1
Burst pressure	bars / cm ²	3	DIN 53 861
Water vapour permeability	μ value	ca. 229815	DIN 53 122
Equivalent air layer thickness (S _d value)	m	ca. 68.95	DIN 7783-2
Fire behaviour		B3	DIN 4102 Part 1

Product form:

The butyl sealing strip is available in standard rolls 100 mm to 1200 mm wide.

Available thickness:

0.30 mm

All values given are average values and do not represent minimum or maximum values. Users must test suitability for their specific application.