



# Butyl Pro Tape

## Fleece

### PRODUCT DESCRIPTION

Butyl Pro Fleece is a self-adhesive tape made of a butyl rubber compound protected by a polypropylene fleece backer. The tape has been developed for applications where it is both necessary to have a high adhesion property on materials like concrete, steel, bitumen and featuring a finished, smooth, absorbing surface. This professional tape incorporates easy peel siliconized release paper: both release paper edges exceed some millimetres from the tape itself, making the release paper easy to remove. Butyl Pro Fleece is highly adhesive to all materials and especially to plastic, glass, steel, polycarbonate, wood and bitumen. The product must be protected from U.V. rays.

### FEATURES AND BENEFITS

- Excellent adhesive properties
- Excellent heat stability
- Excellent adhesion at low temperatures
- High workability, plasticity and deformability
- Solvents Free
- Easy Peel

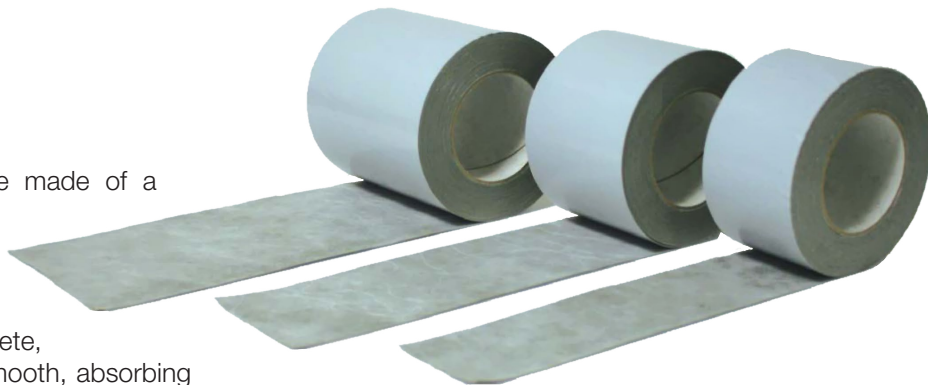
### USES

Butyl Pro Fleece has been designed to seal joints, laps and cracks on a multitude of roofing systems and substrates. It can be used in conjunction with Garland coating systems to provide strength and additional protection at acute roofing details between substrate and wall, laps on metal and cementitious panels and changes in direction. Thanks to its ease of handling, plasticity and deformability, Butyl Pro Tape can be used in small and difficult to seal areas.

### APPLICATION INSTRUCTIONS

#### General/Preparation

Butyl Pro Tape is compatible with most building materials, metals and flexible or hard plastics. The surface should be clean, dry, smooth and dust-free.



If the installation surface is porous, Butylene Primer will have to be applied in a quantity of 250-350 gr/sqm. The use of Butylene Primer is advisable, and instructions must be followed, failure to correctly apply the primer can influence the tape efficiency. No special tools are required to install the tape.

#### Installation

Prepare the surface and proceed as follows:

- Choose the most suitable width of the tape.
- Unroll the tape until the desired length is reached.
- Remove the silicone release film that covers the adhesive part of the tape and position the Butyl Pro Tape.
- Press with a roller or a cloth pad.

#### NOTES

**Storage** - The quality and the characteristics of materials remain unaltered for a very long time. It is however best to use the product within 12 months. For correct storage, a dry, covered place is best at a temperature between +5°C and +40°C. Storage above 50°C may lead to difficulties to remove the release paper when applying. The product is not affected by frost.

**Precaution and Safety** - The material is nonhazardous for normal uses and when used by skilled persons.

Classification for transport: Not Applicable  
Inflammability classification: M1 (UNE 23727:1990 - UNE 23721:1990).

**Reaction to fire** - E (EN 11925 - 2; EN 13501 - 1). Butyl sealants are deformable plastic products. Do not use in load bearing applications. Butyl adhesives are sensitive to solvents. The user should previously check the compatibility of the product with the surface in terms of adhesion and chemical compatibility over the application temperature range.

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## TECHNICAL DATA

Technical Data	Butyl Pro Tape	Test
<b>Thickness</b>	0.8 mm	-
<b>Length</b>	10 m	-
<b>Standard Widths</b>	75 mm, 100mm, 150mm	-
<b>Compound Colour</b>	Grey	-
<b>Tensile Strength</b>	long. >100 N/50mm trasv. >100 N/50mm	EN 12311-1
<b>Elongation at break</b>	long. >70 % trasv. >70 %	EN 12311-1
<b>Solids</b>	100%	-
<b>Specific Weight</b>	1.4 g/cm <sup>3</sup>	ASTM D 792
<b>Peel Adhesion 90°</b>	≥ 90 N	ASTM D 1000
<b>Loop Tack Test</b>	≥ 80 N	ASTM D 6195
<b>Probe Tack Test</b>	≥ 8.0 N	ASTM D 2979
<b>Vertical Flow</b>	0 mm	ISO 7390
<b>Cement Adhesive Strength C2E on Fleece</b>	0.9 N/mm <sup>2</sup>	EN 12004 - EN1348
<b>Application Temperature</b>	0°C / +40°C	-
<b>Service Temperature</b>	-30°C / +80°C	-

## LIMITATIONS

- Protect the tape from UV rays.

For specific application recommendations, please contact your regional Garland Technical Manager or the Garland Technical Department.



For more information - visit us at [www.garlandukltd.co.uk](http://www.garlandukltd.co.uk)

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*Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. A ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your Garland Regional Technical Manager or the Garland Technical Department for more information.*

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