

Sigma GPS Gas Tape – Double sided butyl joint tape.

Sigma GPS Gas Tape is a preformed high performance polyisobutylene (PIB) based sealing tape with enhanced adhesive characteristics for more demanding applications where there are requirements for a high degree of bonding.

Applications:

Sigma GPS Gas Tape is used for bonding & sealing applications such as ground gas membranes, cavity trays & polythene membranes. This product has been developed primarily for the bonding of more difficult materials such as polyethylene sheets used in ground gas protection, DPM & DPC applications.

COLOURS	Standard colour - Black
DIMENSIONS	30m roll / 30mm, 50mm, 100mm wide
SHELF LIFE	24 months in ambient conditions
LIFE EXPECTANCY	In excess of 25 years
U.V. RESISTANCE	Excellent
SERVICE TEMPERATURE RANGE	-40 to +90 degrees C.
JOINT MOVEMENT	Up to 15%

COMPATIBILITY	Very good adhesion to most surfaces & compatible with most Commonly used construction materials.
DYNAMIC TENSILE TENSION: SEPARATION RATE 100mm/min degrees C	To standard 180 grit 20 N/cm2 stainless steel
DYNAMIC SHEAR: SEPARATION RATE 200mm/min degrees C	To standard 180 grit 22 N/cm2 stainless steel
MOISTURE VAPOUR TRANSMISSION RATE: INDEPENDENTLY TESTED TO BS 15106-3	0.010 g/m2/24hr/mm at 25oC & 75% RH

FEATURES & BENEFITS:

- Self-wound roll presentation
- Solvent-less formulation
- Instant seal
- Direct control over quantity of sealant used in the joint.
- Environmentally friendly
- Ease of use
- Good adhesion on both faces to most building materials
- High pumping resistance

Sigma GPS Gas Tape should be applied to surfaces at a temperature range of between +4oC and +40oC. For best performance the surfaces should be clean, dry, and grease free. The product should be unwound and lightly pressed 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, pressure applied along the length of the joint and mechanically fixed if necessary.

Sigma GPS Lap Tape

This is an economy grade polyethylene laminated cloth tape, coated with a pressure sensitive rubber adhesive. Displays good conformability to irregular surfaces, has good adhesion and is easy to tear by hand.

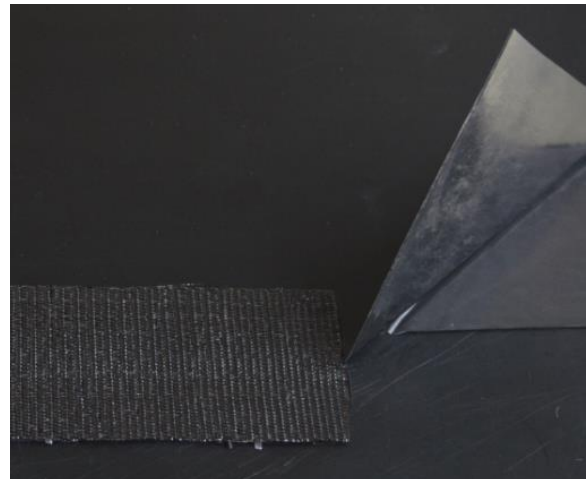
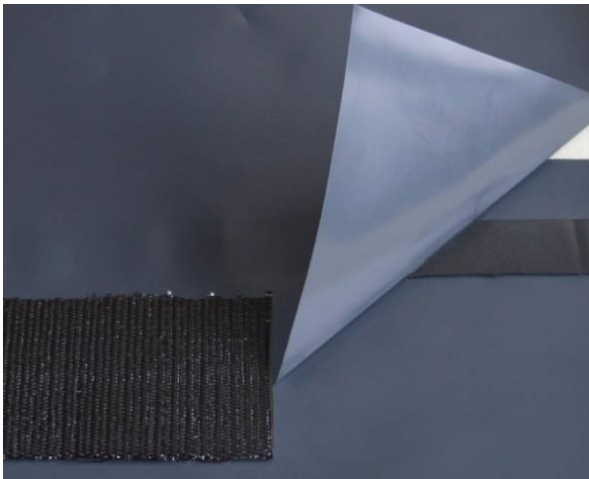
Description

A woven cloth coated with polyethylene on one side and a pressure sensitive adhesive on the other side. The product is wound into rolls. Used for sealing laps created as a result of jointing gas membranes to provide a secure seal.

Constituents: Woven cotton cloth, polyethylene film and rubber resin adhesive.

Hazardous Ingredients: None

Carrier	Laminated polyethylene/cloth
Adhesive	Rubber
Tape Thickness	0.14mm
Adhesion to Steel	10N/25mm
Adhesion to Backing	6.25N/25mm
Tensile Strength	87.5N/25mm
Shelf Life	1 year in original packaging stored in cool dry conditions



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For additional information or assistance, please contact SIGMA GPS directly.

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