

Product Information Sheet

Vi-Pro® PF TAPE

Version: 1-EN

Revision date: 08.04.2020

Vi-Pro® PF TAPE

Product description:

Vi-Pro PF Tape® is a double-sided EVA enhanced polyethylene foam with high shear acrylic adhesive. It is suitable for bonding to a wide range of smooth surfaces, including glass, PVCU, aluminium, treated timber, etc. It is used as a high-grade security glazing tape for bonding double glazed units into window frames. Vi-Pro PF Tape® is suitable for ventilated facades and panel doors production. Vi-Pro PF Tape® can also be used for a wide range of jointing and mounting applications.

Applications

- Bonding panels on ventilated facades on-site and prefabrication production
- Bonding double glazed units into window frames
- Bonding panels in door production
- General purpose bonding applications
- Good adhesion to a range of surfaces

Features:

- Colour: Black, White
- Bonding glazed units into window frames
- General purpose bonding applications
- Good adhesion to a range of substrates

Typical properties:

PROPERTY & TEST METHODS	SPECIFICATION
Product	Grey Foam w/Blue Filmic Liner
Adhesive	High Shear Acrylic
Total thickness	3.00mm-6.00mm ± 0.20mm (liner)
Foam density	50kg/m ³
Foam type	Closed Cell Crosslinked PE Foam
Tape colour	3mm Black & White, 4mm, 5mm & 6mm Black only

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Application temperature	+10°C Advised
Service temperature	-20°C to +80°C
Storage	Between +5°C and +20°C in dry, shaded conditions
Shelf life	24 months when stored as recommended in original unopened packaging

Standard roll sizes:

Thickness	Width	Length
3mm	12mm	25m

Other sizes available on request.

Application recommendation:

The exposed adhesive face should be unwound gradually and carefully located onto the surface of the substrate. Care must be taken to avoid compressing or stretching the tape during location, as this could induce peeling forces and cause the tape to lift from the substrate.

Once the tape has been positioned, apply even pressure throughout the length using a roller, starting at the centre and moving to each end to avoid stretching.

With double sided tapes the protective release film is not removed until immediately prior to joint assembly.

The assembly must provide sufficient force to compress the tape by 20% of original thickness for security applications and 30% if weatherseal performance is required. Over compression should be avoided.

Joints may be made by mitring corners or butting the tape ends tightly together. In all cases, the tapes should be cleanly cut at slightly longer length than required, to ensure compression of the jointing formation of a tight joint.

Recommended application conditions:

Application temperature >10° advised

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Storage:

Store in the original unopened packing in cool and dry, shaded conditions (between +5°C and +20°C). Useable life: 24 months when stored as recommended in original unopened packaging. Storing in higher temperature may reduce the shelf life significantly.

Packaging:

Vi-Pro® PF Tape has been supplied in rolls of 25m length.

Safety precautions

Material Safety Data Sheets are available on demand. MSDS are provided to help customers satisfy their own handling, safety and disposal needs and those that may be required by locally applicable health and safety regulations. MSDS are updated regularly, therefore, please request and review the most current MSDS before handling or using any product.

Never burn away.

Customer notice

All technical data is based on average values. By nature of its manufacture, all foam specifications can vary by 10%.

The information supplied is accurate to the best of our knowledge and is based on reliable tests and practical experiences. Properties quoted are intended, as a guide and do not therefore constitute a specification. Customer/user should thoroughly test any application to be sure that product corresponds to the required performances. The sole warranty is that the product will meet the sales specifications in effect at the time of shipment. Exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. The Seller shall not be liable for any incidental or consequential damages.

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