

FLEXITEC HT67 is a double-sided foam tape manufactured from cross-linked closed cell polyethylene foam. It uses the latest in pressure sensitive adhesive technology, which offers very high grab characteristics and has been specifically designed for Security Glazing applications in PVCu windows and timber windows. FLEXITEC HT67 has been specifically developed for optimum performance in PVCu and timber windows and PVCu doors. FLEXITEC HT67 is also commonly used as a Trim tape for bonding PVCu window trim.

PHYSICAL PROPERTIES

| | | |
|----------------------------|-----------|---------------------------------|
| Density | Din 53420 | 55 Kg ^m ³ |
| Tensile Strength | Din 53571 | 900 KPa |
| Elongation @ Break | Din 53751 | 275% |
| Compression Stress | Din 53577 | (25% Deformation) |
| | | (50% Deformation) |
| Temperature Range | | -40°C to 90°C |
| Compression to Effect Seal | | 10% |
| Ozone Resistance | | Excellent |
| Ageing Resistance | | Excellent |
| UV Resistance | | Good |

ADHESION PROPERTIES

| | | |
|---------------------------------------|-------|-------------|
| Peel adhesion to painted steel (180%) | N/mm | 24hr |
| Peel Adhesion to glass (180%) | | |
| | @23°C | N/mm |
| | @70°C | N/mm |
| Static Sheer (1Kg) | @23°C | Hours |
| | @70°C | Hours |
| Dynamic Tensile Adhesion | KPa | |



Features

100% closed cell structure:
Biologically inert:
Chemically inert:
UV Stable:

Benefits

Will not allow water to pass through and does not require large compression factors to affect a seal.
Will not support fungal or bacteriological growth.
Excellent ageing characteristics.
Can be used on internally glazed windows in an external application for 10 years use without the need for silicone capping.
Will not attack acrylics, plastics or silicones.

APPLICATION

FLEXITEC HT67 should be applied to surfaces free from dust, grease and moisture and not below +5°C. Increased adhesion is obtained by applying firm uniform pressure to the tape prior to the liner removal. FLEXITEC HT67 can be cut with a knife or scissors and should be butted carefully without overlapping. The immediate bond strength is permanent but will reach a peak after 24hrs. Shelf life is one year when stored at 21°C at 50% relative humidity, out of direct sunlight. FLEXITEC HT67 has been approved independently by the B.B.A. This included BS7950 (PAS 011) security testing. This testing does not however mean the fabricator can assume BS7950 (PAS 011) will be attained if he uses this tape. It is required that the fabricator approves his own window to this security standard as BS7950 covers other materials used in conjunction with one another.

FLEXITEC HT67 is supplied in coil form in thicknesses and lengths indicated as follows:-

| | | | |
|-------------|---------|-----|-----|
| Thickness | +/- 10% | 1mm | 2mm |
| Roll Length | +/- 1m | 50m | 40m |

Any width of coil may be specified from 9mm to 950mm. **FLEXITEC HT67** is available in white.