

# FLEXITEC HT67P

## DESCRIPTION

FLEXITEC HT67P is a double sided foam tape manufactured from cross-linked closed cell polyethylene foam. It uses the latest in pressure sensitive solvent acrylic adhesive technology, which offers very high grab characteristics. This product has a unique green plastic release liner which aids application.

FLEXITEC HT67P has been specifically developed for optimum performance to a variety of substrates E.G. GRP, uPVC, aluminium, hardwood and glass.

FLEXITEC HT67P can be applied at low temperatures.

**The product offers the following benefits:**

### Features

### Benefits

<b>100% closed cell structure:</b>	will not allow water to pass through and does not require large compression factors to effect a seal.
<b>Biologically inert:</b>	Will not support fungal or bacteriological Growth.
<b>Chemically inert:</b>	Excellent ageing characteristics.
<b>Plastic release liner:</b>	Easy liner removal when trapped between mating components.
<b>No plasticiser:</b>	Will not attack acrylics, plastics or silicones.

## GENERAL

**FLEXITEC HT67P is supplied in coil form in thicknesses and lengths indicated as follows.**

<b>Thickness</b>	<b>+/- 10%</b>	1.0mm	1.5mm	2.0mm
<b>Roll Length</b>	<b>+/- 1m</b>	50m	50m	40m

Any width of coil may be specified from 12mm to 950mm (+/- 0.5mm).  
FLEXITEC HT67P is available in black or white.

FLEXITEC HT67P is not known to stain or discolour any known substrate it may come into contact with in a glazing environment.

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## PHYSICAL PROPERTIES

<b>Tensile Strength</b>	Din 53571	900 Kpa
<b>Elongation @ Break</b>	Din 53571	275%
<b>Compression Stress</b>	Din 53577	(25% Def'n) 50 Kpa (50% Def'n) 120 Kpa
<b>Temperature Range</b>		-40°C to 90°C
<b>Compression to Effect Seal</b>		10%
<b>Ozone Resistance</b>		Excellent
<b>Ageing Resistance</b>		Excellent
<b>UV Resistance</b>		Good

## ADHESION PROPERTIES

**24Hr**

<b>Peel adhesion to uPVC</b> (180°)		N/mm	0.73
<b>Peel adhesion to glass</b> (180°)	@ 23 °C	N/mm	0.60
	@ 70 °C	N/mm	0.40
<b>Shear Adhesion</b> (4 hours)	@ 23 °C	N/625mm <sup>2</sup>	150
	@ 70 °C	N/625mm <sup>2</sup>	100
<b>Static Shear</b> (1Kg)	@ 23 °C	Hours	60
	@ 70 °C	Hours	10
<b>Dynamic Tensile Adhesion</b>		Kpa	425

## APPLICATION

FLEXITEC HT67P 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 HT67P 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 two years when stored at 21°C at 50% relative humidity, out of direct sunlight.

REF: E2005985 SPEC HT67P