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FLEXITEC TM 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 economy applications. FLEXITEC TM performs well on most substrates including low energy surfaces like PVCu, and is commonly used as a Trimtape for bonding PVCu window trim.

PHYSICAL PROPERTIES

Density	Din 53420		33 Kgm^3
Tensile Strength	Din 53571		400 KPa
Elongation @ Break	Din 53751		130%
Compression Stress	Din 53577	(25% Deformation)	40 KPa
		(50% Deformation)	105 KPa
Temperature Range			-40°C to 90°C
Compression to Effect Seal			15%
Ozone Resistance			Excellent
Ageing Resistance			Excellent
UV Resistance			Good

ADHESION PROPERTIES		**24hr**
Peel adhesion to painted steel (180°)	N/mm	0.46
Peel Adhesion to glass (180°)	N/mm	0.60
Dynamic Tensile Adhesion	KPa	400

Features	**Benefits**
100% closed cell structure:	Will not allow water to pass through and does not require large compression factors to affect a seal.
Biologically inert:	Will not support fungal or bacteriological growth.
Chemically inert:	Excellent ageing characteristics.
No Plasticiser:	Will not attack acrylics, plastics or silicones.

APPLICATION

FLEXITEC TM 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 HT 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 TM 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 (PAS011) 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 TM is supplied in coil form in thicknesses and lengths indicated as follows:-

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

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

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