

FLEXITEC E is a general purpose single sided sealing tape manufactured from cross linked polyethylene foam. It uses the latest in pressure sensitive adhesive technology, which offers very high grab characteristics to a variety of substrates. FLEXITEC E can be used for sealing flanges of ductwork, isolation strips on duct hangers, and dry glazing windows in frames. FLEXITEC E has been specifically developed for optimum performance with galvanised steel, aluminium, hardwood and glass.

PHYSICAL PROPERTIES

Density	Din 53420	33 Kgm ³
Tensile Strength	Din 53571	420 KPa
Elongation @ Break	Din 53751	145%
Compression Stress	Din 53577	(10% Deformation) 2.4 KPa
		(15% Deformation) 35 KPa
		(30% Deformation) 60 KPa
Temperature Range		-40°C to 65°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	0.50



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 and good solvent/oil resistance.
- High initial grab:** Ultimate bond strength achieved immediately with a degree of relocatability.
- No Plasticiser:** Will not attack acrylics, plastics or silicones.

APPLICATION

FLEXITEC E should be applied to surfaces free from dust, grease and moisture and not below 10°C. The tape is applied by removing the silicone release liner and adhering the open face to the substrate. If applied lightly, FLEXITEC E can be removed and re-aligned. Increased adhesion is obtained by applying firm uniform pressure to the tape after application. FLEXITEC E can be cut with a knife or scissors and should be butted carefully without overlapping. Immediate bond strength is permanent but will reach a peak after 24 hours. FLEXITEC E meets the requirements as set out in DW142, and is not known to stain or discolour any known substrate.

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

Thickness	+/- 10%	2mm	3mm	4mm	5mm	6mm	7mm	8mm	10mm	12mm
Roll Length	+/- 1m	40m	25m	20m	15m	15m	12m	10m	10m	8m

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