

## DESCRIPTION

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.

**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 and good Solvent/oil resistance.
<b>High initial grab:</b>	Ultimate bond strength achieved Immediately with a degree of relocatability.
<b>No Plasticiser:</b>	Will not attack acrylics, plastics or silicones.

## GENERAL

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

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

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

# FLEXITEC E

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## PHYSICAL PROPERTIES

<b>Density</b>	Din 53420	33Kgm-3
<b>Tensile Strength</b>	Din 53571	420 Kpa
<b>Elongation @ Break</b>	Din 53751	145%
<b>Compression Stress</b>	Din 53577	(10% Def'n) 2.4 Kpa (15% Def'n) 35 Kpa (30% Def'n) 60 Kpa
<b>Temperature Range</b>		-40°C to 65°C
<b>Compression to Effect Seal</b>		15%
<b>Ozone Resistance</b>		Excellent
<b>Ageing Resistance</b>		Excellent
<b>UV Resistance</b>		Good

## ADHESION PROPERTIES

**24hr**

<b>Peel adhesion to painted steel</b> (180%)	N/m	1680
<b>Peel Adhesion to glass</b> (180%)	N/m	1480

## 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.

REF: N2501001 replacing J0104991 spec E.doc