

FLEXITEC PG

DESCRIPTION

FLEXITEC PG is a security glazing tape manufactured from Poly Vinyl Chloride (PVC) foam. It uses the latest in pressure sensitive adhesive technology, which offers very high grab characteristics. This product can be used for security glazing, trim mounting and uPVC doors (panel-glazed applications). The product must not be used for applications where there is food contact.

FLEXITEC PG has been specifically developed for optimum performance with uPVC, aluminium, hardwood and glass.

The product offers the following benefits ;

Features

Benefits

High foam density

Increased Dynamic Tensile Adhesion characteristics giving greater resistance to intrusion.

Highly engineered adhesive

Excellent resistance to solvents, chemicals plasticisers, moisture, temperature, and UV light.

High initial grab

Ultimate bond strength achieved immediately offering an instant security bond. Initial relocatability of the tape is permitted.

GENERAL

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

Thickness	+/-10%	1mm	2mm	3mm	4mm	5mm	6mm
Roll Length	+/-1m	50m	40m	25m	20m	15m	15m

Any width of coil may be specified from 6mm to 950mm (+/- 0.5mm).
FLEXITEC PG is available in black & white.

FLEXITEC PG

PHYSICAL PROPERTIES

Density	Din 53420	35 Kgm-3
Tensile Strength	Din 53571	352 Kpa
Elongation @ Break	Din 53571	150%
Compression Stress	Din 53577	(15% Def'n) 40 Kpa (30% Def'n) 84 Kpa (50% Def'n) 170 Kpa
Hardness	Shore OO	55 - 75
Temperature Range		-40°C to +75°C
Compression to Effect Seal		15%
Ozone Resistance		Excellent
Ageing Resistance		Excellent
UV Resistance		Excellent

ADHESION PROPERTIES

24Hr

Peel adhesion to uPVC (180°)	N/mm	0.85
Peel adhesion to glass (180°)	N/mm	0.90
Dynamic Tensile Adhesion	Kpa	450 min

APPLICATION

FLEXITEC PG should be applied to surfaces free from dust, grease and moisture and not below 0°C. The tape is applied by unwinding the roll and adhering the open face to the frame. Increased adhesion is obtained by applying firm uniform pressure to the tape prior to liner removal.

FLEXITEC PG can be cut with a knife or scissors and should be butted carefully without overlapping. The glazing unit may then be applied after removal of the silicone liner. When glazed unit is fitted correctly, firm pressure will ensure optimum bonding. The immediate bond strength is permanent but will reach a peak after 24 hours.

FLEXITEC PG is not known to stain or discolour any known substrate it may come into contact with in a glazing environment. Shelf life is two years when stored at 21°C, 50% relative humidity, out of direct sunlight.

REF: H2807041 spec PG.doc replacing J2411981 Spec PG .doc