

**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.

#### PHYSICAL PROPERTIES

Density	Din 53420	235 Kg <sup>m</sup> <sup>3</sup>
Tensile Strength	Din 53571	352 KPa
Elongation @ Break	Din 53751	150%
Compression Stress	Din 53577	(15% Deformation)
		(30% Deformation)
		(50% Deformation)
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

		<b>24hr</b>
Peel adhesion to painted steel (180°)	N/mm	0.85
Peel Adhesion to glass (180°)	N/mm	0.90
Dynamic Tensile Adhesion	KPa	450 min



#### 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.

#### 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.

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

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

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