

FLEXITEC SP120RW is a single sided foam sealing tape manufactured from medium density Poly Vinyl Chloride (PVC) foam. The foam is supported on a paper carrier and reverse wound. This construction allows for intermittent usage of the same coil of foam tape without prejudicing the remaining unused roll. FLEXITEC SP utilises the latest in pressure sensitive adhesive technology, which offers very high grab characteristics with very high water resistance, and has been specifically designed for use on metallic substrates. FLEXITEC SP is used to form a compression water, air, and dust seal, other applications include gap filling, as an alternative for neoprene foam seals and anti slip mounting.

PHYSICAL PROPERTIES

Density	Din 53420	120 Kg ^m ³
Tensile Strength	Din 53571	350 KPa
Elongation @ Break	Din 53751	150%
Compression Stress	Din 53577	(15% Deformation) 40 KPa
		(30% Deformation) 84 KPa
		(50% Deformation) 170 KPa
Hardness	Shore OO	35
Temperature Range		-40°C to 75°C
Compression to Effect Seal		30% minimum
Ozone Resistance		Excellent
Ageing Resistance		Excellent



ADHESION PROPERTIES

		24hr
Peel adhesion to painted steel (180°)	N/mm	0.73
Peel Adhesion to glass (180°)	@23°C	0.60
	@70°C	0.40

Features

Benefits

- Supported Foam:** Will not fall apart due to intermittent usage.
- Highly Engineered Adhesive:** Very high grab characteristics to a variety of substrates, but if light pressure is used when first applying tape, relocation of tape can be achieved.
- Flexible PVC Foam:** Provides excellent conformability with good recovery characteristics.

APPLICATION

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

Thickness	+/- 10%	4.5mm	10mm
Roll Length	+/- 1m	15m	7m

Any width of coil may be specified from 9mm to 950mm (+/- 0.5mm). **FLEXITEC SP120RW** is available in grey.