



PACSEAL

Expanded Virgin PTFE Tape | Non-Toxic | Non-Contaminating

FEATURES

Pacseal is a non-toxic, non-contaminating Expanded Virgin PTFE Tape. It has a sticky back for ease of installation and removal which saves labour in cleaning and machining. It is tough but gentle making it useful in high-pressure steam joints and fragile glass joints the same. Coming in various widths, thicknesses and lengths, it is suitable in both critical and general service. Its limitations are that of free fluorine and temperatures in excess of 260°C.

TECHNICAL INFORMATION

Material	Virgin PTFE			
Appearance	Very White, Deformable, Continuous & Strong			
Temperature Range	-270°C to +260°C			
Pressure	3000Psi			
pH Value	0-14 (All fluids except free fluorine & molten alkali metals)			
	Testing Result	Remark	Standard Parameter	Reference Standard
Density	1 0.64g/cm ³		0.5~0.8cm ³	JB/T10689-2006
	2 0.67g/cm ³		0.5~0.8cm ³	
	3 0.65g/cm ³		0.5~0.8cm ³	
Strength of Extension	1 8.20 Mpa	20°C Indoor Temperature	≥6 Mpa	JB/T10689-2006
	2 8.43 Mpa		≥6 Mpa	
	3 8.51 Mpa		≥6 Mpa	
Squeezability	67%			
Elongation of Break	19%		<300%	
Volatilization Rate	The FDA Testing	(in general)	≤0.5%	FDA21CFR177-1210
Hardness	47HA		30~50HA	
Colour	White			
MSDS	Available upon request			

AVAILABLE SIZES

STANDARD LENGTHS 5m to 50m rolls

STANDARD WIDTHS 2.0m to 30mm

STANDARD THICKNESS 2.0mm to 30mm

Other sizes / dimensions available upon request
May be customised to suit customer's application



APPLICATIONS

Pacseal is so versatile because of its capabilities to handle nearly all liquid and gases. It is usually used throughout the Petrochemical, Pharmaceutical, Food, Diagnostics and General Industry. Typical applications include:

- > Flanges
- > Ducts
- > Tanks
- > Evaporators
- > Pump cases
- > Digesters
- > Transmission cases
- > Compressor housings
- > Drum lids
- > Portholes
- > Man ways
- > Towers
- > Glass joints
- > Heat exchangers
- > Sight glasses



Sheet conforms to FDA regulations 21 CFR 177.2600