



Pakcel EVA Foam Single Sided Tape

Single Sided Self-Adhesive EVA Foam Tape

General Description

A single-sided self-adhesive foam tape combining Pakcel EVA foam, a crosslinked closed-cell ethylene vinyl acetate (EVA) foam, with WTI-81, an acrylic based permanent adhesive on a nonwoven carrier supplied with a Havana paper release liner. The fine closed-cell EVA foam offers good cushioning, flexibility and resilience with low water absorption, while the high-temperature acrylic adhesive bonds permanently to dry, damp, smooth, slightly rough and curved surfaces.

Application & Use

- ☐ Cushioning, padding and protective packaging
- ☐ Sealing, gasketing and dust/draught exclusion
- ☐ Anti-rattle, anti-scratch and surface protection
- ☐ General industrial assembly on dry, damp and slightly rough surfaces

Technical Details

Property	Method	Unit	Typical Value
Foam Substrate — Pakcel EVA Foam (Crosslinked Closed Cell Ethylene Vinyl Acetate Foam)			
Foam Type	—	—	Crosslinked closed-cell EVA (ethylene vinyl acetate)
Density	—	Kg/m ³	100-110
Shore Hardness (C)	—	—	40-45
Elongation at Break	—	%	> 130 (Min.)
Tensile Strength	—	kgf/cm ²	10
Operating Temperature Range	—	°C	-40 / +80
Adhesive System — WTI-81 (Acrylic, Permanent)			
Adhesive Type	—	—	Acrylic, permanent
Carrier	—	—	Nonwoven
Carrier Basis Weight	ISO 536	g/m ²	12 ± 1
Carrier Thickness	ISO 534	µm	23 ± 2
Peel Adhesion 180°	AFERA 5001	N/25mm	Min. 30
Shear	AFERA 5012	h	Min. 25
Min. Application Temperature	—	°C	0
Adhesive Service Temperature	—	°C	-10 / +120
Release Liner	—	—	Havana paper
Liner Basis Weight	ISO 536	g/m ²	80 ± 4



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Property	Method	Unit	Typical Value
Liner Thickness	ISO 534	µm	65 ± 4
Adhesive Laminate Thickness (excl. foam)	ISO 534	µm	175 ± 9
Combined Product			
Construction	—	—	Single-sided: EVA foam + acrylic adhesive + paper liner
Adhesive Added Thickness (excl. liner)	—	mm	≈ 0.11
Combined Service Temperature (continuous)	—	°C	-10 / +80

Availability

Colour: Black across all thicknesses; white available in 1mm thickness only.

Foam Thickness: 1mm, 2mm, 3mm, 4mm, 5mm and 6mm.

Width: Supplied 1 metre (1000mm) wide as standard; can be slit to specified widths.

Shelf Life & Storage Conditions

12 months when stored away from direct sunlight and heat, in a dark, dry place at a temperature of 20 °C ± 3 °C with a relative humidity of 50% ± 20%.

All information and recommendations about products are based on our existing knowledge and experience but do not mean a guarantee or warranty. As the products are used for different applications we recommend checking suitability of product prior to use. All information is subject to change without notice. End user is obliged to verify the above information before using the material.