

VieTape PEF7100

POLYETHYLENE FOAM TAPE

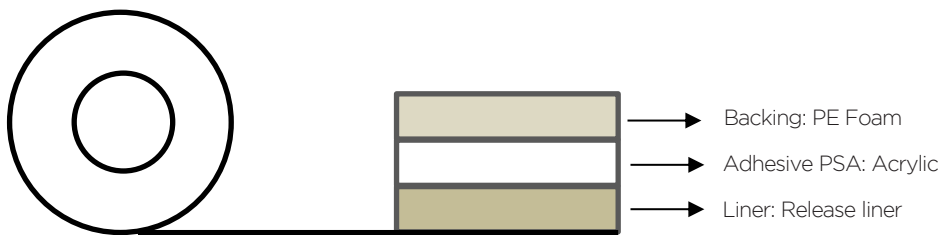
DESCRIPTION

VieTape PEF7100 is a versatile packaging material consisting of expanded polyethylene foam (EPE) coated with acrylic adhesive. The EPE foam, made from virgin LDPE beads, offers a closed-cell structure known for its softness, elasticity, and excellent water, thermal, and sound insulation properties. This combination of materials makes PEF7100 an ideal choice for various packaging applications.

APPLICATION

General applications: Damping, gasket, insulation

STRUCTURE



FEATURES

Item	Unit	Parameter	Notes
Color	-	Black, white	-
Thickness	mm	1; 1.5; 2; 3...	Optional
Density	kg/m ³	300 ± 20	ASTM D3575
Tensile Strength	kPa	160	ASTM D412
Elongation	%	> 60	ASTM D412
Water Absorption	%	< 2 %	ASTM D1056
Adhesion to steel	N/25mm	8.4	Loop tack test
Long- term temperature resistance	°C	- 40 to 90	-
Short - term temperature resistance	°C	Up to 110	-

The above values are sample observed values, we do not guarantee the actual performance due to the different of application method, bonding design, bonding substrate.. We highly recommend customer to test in the real part



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DIRECTION OF USE

Temperatures between 21-38°C are ideal for application.

For greater substrate contact, pressure-sensitive adhesives use viscous flow. Better adhesive contact is created by applying firm application pressure, which also strengthens the bond. For operation at low temperatures, this is particularly crucial.

The bonding surfaces must be thoroughly united, clean, and dry in order to achieve the best adhesion. Typical surface cleaning solvents are isopropyl alcohol/water mixture (rubbing alcohol) or heptane.

SHELF LIFE

Store at room temperature, 15-28 °C and 40-70%RH, avoid direct sunlight and high temperature.

Shelf life is 12 months from date of manufacture when store at recommended storage condition.

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