



Product Description:

Diamond Single-sided XLPE (Cross-linked Polyethylene) Foam Tape has a strong hot melt adhesive which is laminated with a white silicone release paper liner. The tape has good insulation properties and hence mainly used for thermal insulation applications.

Features:

- High bonding strength to various insulation foam surfaces.
- Flexible while providing strong adhesion at joints even on angular surfaces. Hence, suitable for lap joints, face-to-face joints and corner joints.
- Available in different widths to effectively cover the edges.
- Supplied with stiff release paper liner for ease of removal, thus saving application time.
- Excellent in preventing condensation.

XLPE Single-sided Foam Tape

Applications:

- XLPE Foam Tape is ideal for insulating hot or cold piping and fittings.
- Recommended for insulation purposes due to its high flexibility and conformability.
- For general purpose holding, patching & sealing applications – indoor and outdoor.

Product Specification:

Properties	Unit	Specification	Test Method
Backing Thickness	mm	3, 4.5, 6 ± 0.5	ASTM - D3652
Adhesion To Steel	g/inch	> 800	ASTM - D3330
Tensile Strength	g/inch	> 2500	ASTM - D3759
Elongation at Break	%	80	ASTM - D3759
Density	kg/m ³	30 ± 10	ASTM - D1667
Temperature Range	°C	-5 to 55	-
Thermal Conductivity	w/m.k	0.034	ASTM - D3575V
Foam Hardness (00)	shore	50 ± 10	ASTM - D2240
VOC Content	mg/kg	10.36	USEPA 8260

Backing	Adhesive	Color	Liner
Cross-linked PE Form	Hot Melt	Grey / Black	White Release Paper

Standard Roll Size & Packaging Specification:

Standard Sizes		
Width (mm)	Length (m)	Thickness (mm)
24 / 48	7.5	3
24 / 48	15	4.5
24 / 48	12	6

Sizes can be customized as per customer requirement.

Application Instructions:

Before applying, the surface must be free from oil, solvent, water and dust. For best product performance, apply the tape at room temperature between 15°C and 45°C.

Storage:

Store under normal room temperature and 50% RH in the original packaging.

Shelf Life:

Use within 12 months from the date of manufacturing.

Note: The values provided above are results of standard lab tests and are subject to variations. Users are to determine the suitability of the product for its intended purpose.