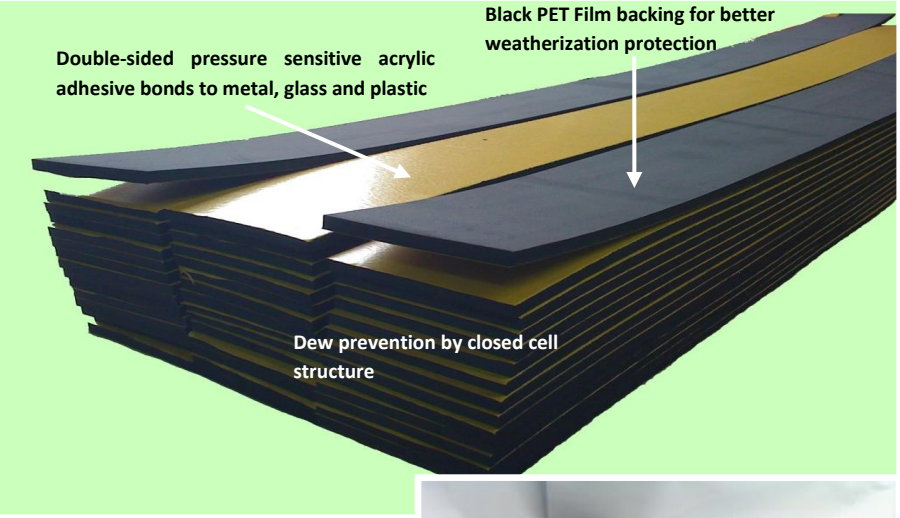
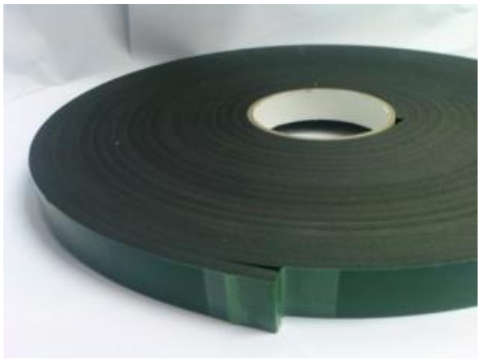


KM-EVA

SPACER FOAM TAPE

Heavy Density, Superior Thermal Insulation, Shear Resistant Ethylene Vinyl Acetate (EVA) Copolymer Foam for Structural Glazing



High Density Ethylene Vinyl Acetate (EVA) Foam

- Excellent balance of high shear resistance adhesion performance and initial tack.

Outstanding Holding Power

- Secure bond even to critical surfaces such as low surface energy materials (e.g. PP and PE) and powder painted substrates.
- Black color to optimize automatic pick and place processes.

Closed Cell Foam Structure

- Optimum curing and prevent air and moisture to reach silicone.
- Chemically compatible with all silicones tested*
- Condensation prevention on windows, doors and metal systems by high thermal resistivity of foam substrate
- High Temperature resistance
- Excellent resistance to weather, fungi and oxidation

Applications

- Structural glazing form spacer for either two or four sided glazing.
- Easy to handle
- Thermal break on storm windows and doors in the building industry
- Easy liner removal after panel is positioned in-place.
- Interior spacer for conventional glazing

Pressure-Sensitive Adhesive

- Adhesive on one or two sides for ease of space placement.

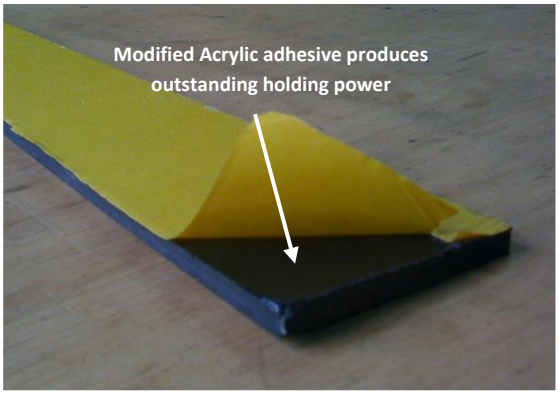
Peel Adhesion on Different Surfaces

Material	Instantly (N/m)	After 14-days (N/m)
Steel	**11.5**	14.0
Aluminum	**10.2**	12.6
ABS	**10.8**	11.9
PC	**12.2**	13.4
PS	**10.4**	12.1
PET	**9.8**	11.9
PVC	**9.6**	12.8
PP	**6.0**	8.8
PE	**5.6**	6.6

*Mean values/parameter of the specification

Product Design

Backing	Adhesive	Thickness	Colour
PET	Modified Acrylic	205 µm	Black



KM-EVA Foam Tape

Standard Roll Sizes

Strip / Sheet Form (Yellow- Liner):

Any length and width can be custom make within dimension of 1.2m x 2.4m

Color: Black /Grey

Available Thickness:

Please check with our Sales Representatives.

Roll Form (Green- Liner):

Available Dimension:

Please check with Sales Representatives.

Color: Black

Average Physical Properties

Property	Value	Test Method
Adhesive	Modified Acrylic	
Carrier	KM-EVA Foam	
Color	Black	
Density	0.08 – 0.10 g/cm² 90 ± 10 kg/m³	
Hardness: Shore C	45 ± 5	*ASTM D-2240*
Tensile Strength: kPa	≥ 500	*ASTM D-3759*
Elongation, %	140	*ASTM D-3575*
Dynamic Tensile Adhesion, kPa	400	
Dynamic Shear Adhesion, kPa	250	
Water Absorption, %	≤ 1	*ASTM D-1056*
Compression Set, %	3.5	*ASTMD-395*
Tear Strength, Lb/In	8.3	*ASTMD-624*
Tack (Rolling Ball)	Medium	
Softener Resistance	Good	
Humidity Resistance	Very Good	
Solvent Resistance	Very Good	
Aging Resistance	Good	
Recommended Service Temp.	-50 °C to 100 °C	

KM-EVA Test Procedure. Parameter values are not guaranteed and will vary for different lots.

Storage: Material should be stored at 23°C, 50% relative humidity.

Application Guide: Contact surfaces must be thoroughly cleaned. Once KM-EVA Tape is applied, it cannot be removed and reused, so position sections carefully, making sure product is in contact with all surfaces. If unit is misaligned, remove used KM-EVA Tape, discard and repeat application with new material. Test this product for system compatibility as individual application conditions can affect results.

Note:

- Every potential application cannot be anticipated or controlled by manufacturer, hence, we strongly encourage testing of this product under individual application conditions/use prior to use.
- For clear, lightly tinted or monolithic glass, single sided adhesive KM-EVA Tape is recommended to reduce the visual impact of any air pockets sometimes induced in the panel fabrication process. The visual impact should be reviewed on prototype assemblies.
- EVA-Tape is a spacer material and is not intended to be a structural component.

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