

Capital Tape Co, Inc
 4920 Commerce Parkway #11
 Cleveland, OH 44128
 Fax: 216-292-3435



Product Profile: Polyethylene Mounting Foams

<u>Applications</u>	<u>R/R*</u> <u>(Rubber/Rubber)</u>	<u>A/A**</u> <u>(Acrylic/Acrylic)</u>
Mounting – Interior	9223	9233
	9226	9236
	9228	9218
		9230
		9241
Mounting – Exterior		9233
		9236
		9218
		9230
		9241
Trim Attachment		9218
		9230
		9241

*Rubber based (R/R) adhesives feature high initial adhesion to high and low surface energy materials such as polypropylene, polyethylene, ABS, polycarbonates, metals (painted and powder coated). Long term adhesion is best in temperatures under 140°F.

**Acrylic adhesives (A/A) are well suited to exterior applications due to their UV and solvent resistance characteristics. They will withstand temperatures up to 200°F long term.

These products are used for but not limited to:

- General purpose mounting foams
- Mounting bevel strips on mirrors
- Attaching trim on furniture
- Holding mirrors on wardrobe doors
- Hold mirrors in place while mastic cures on medicine cabinets
- Manufacturing signs, or mounting postures/point of purchase displays

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Product Profile: PVC Foams

Densities

Applications

Light

Medium

Heavy

Gasketing

V1510SC

Sealing

V1520DC

VK1826/VK2526

Weather Stripping

V710SC
V810SC

Sound Dampening

V710SC
V810SC

V1110SC
V1510SC

Vibration Dampening

V710SC
V810SC

V1110SC
V1510SC

Cushioning

V710SC
V810SC

V1110SC
V1510SC

Glazing: Residential

V1520/V980/V990

Glazing: Storefront

V1520/V980/V990

Glazing: Curtain wall

VK1826/VK2526

SC: Single Coated; Adhesive on one side of foam only

DC: Double Coated; Adhesive on both sides of foam

PVC Foams are inherently resistant to fire, ultraviolet rays, most chemicals, acids and solvents. When compressed 30% or more these products completely seal out air, moisture, light and dust.

Light Density Foams are 7-8 lbs. per cubic foot in density. They're designed for applications requiring a very compressible foam to create a seal on uneven surfaces, such as cushioning, vibration dampening and sound deadening. They flex and conform to seal tight radius curves sealing out dust, insects and some moisture. Light density foams have adhesive on one side only and are available in black or gray.

Medium Density Foams are 11 – 15 lbs per cubic foot in density. V1110 is available with adhesive on one side only; V1510 and V1520 are one and two sided respectively. These products offer flexibility and conformability with added strength and wear resistance. V1110 and V1510 are "swirl-free" – they won't move, twist or displace when penetrated by mechanical fasteners. V1520 can be used as a thermal break or insulator; it is available with either a paper liner or plastic liner (V1526). These products are designed for gasketing, cushioning and vibration dampening.

Heavy Density Foams are 19-25 lbs per cubic foot in density. V2510 is available with adhesive on one side only; it is, like V1110 and V1510, "swirl-free" for smooth fastener penetration. This group of products is a cost effective comparable to urethane foams used for glazing curtain wall.

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Product Profile: Structural Glazing Tapes

<u>Applications</u>	<u>SC (Single Ctd.)</u>	<u>DC (Double Ctd.)</u>
Gasketing	V2100 V2200	V2100 V2200 VK1826 VK2526
Glazing: Curtainwall	V2100 V2200	V2100 V2200 VK1826 VK2526

****For a more cost effective ¼" thick material suggest the VK PVC Foam Tape Series***

Single coated urethane foams provide the least compressible properties for maintaining consistent space in gasketing applications. Density per cubic foot is 25 – 31 lbs. Single coated foams are sometimes used in curtainwall applications to avoid unsightly air pockets or "fish eyes".

The double coated versions are designed for structural glazing; its low thermal conductivity reduces heat transfer and inhibits condensation on windows, doors and metal systems.

These foams offer excellent resistance to weather, fungi and oxidation.

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Product Profile: Ultra High Bond and High Performance PE Tapes

Applications

	<u>UHB*</u>	<u>PE Tapes</u>
Mounting – Interior	CT4400 Series	9218
	CT4700 Series	9230 9241
Mounting – Exterior	CT4400 Series	9218
	CT4700 Series	9230 9241
Sealing	CT4400 Series CT4700 Series	
Trim Attachment	CT4400 Series	9218
	CT4700 Series	9230 9241

*All series within this family feature excellent weathering properties as well as resistance to UV, heat, humidity and chemicals.

CT4400 Series are translucent, solid acrylic tapes featuring semi structural adhesion to a wide range of substrates. Available in 25, 45, 60 and 80 mil thicknesses.

WC4400 Series are the water clear version of CT4400 Series. These tapes would be used where clarity is an issue. Available in 10, 20, 30, 40 and 60 mil thicknesses.

CT4700 Series tapes are available in clear, white and gray. Limited in thickness to 20 and 40 mils they provide excellent adhesion and easy remove red plastic liners.

9218, 9230 and 9241 are high performance polyethylene foam tapes that are cost effective alternatives to UHB's depending on application.

High performance acrylic adhesive products offer semi-structural adhesion to a wide range of surfaces. Typical applications include:

- Truck body manufacturing
- Boat and RV building
- Sign mounting and fabrication
- Trim attachment in vehicles, furniture, and buildings
- Nameplate mounting

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Product Profile: Residential Glazing Foams

<u>Applications</u>	<u>A/A** (Acrylic/Acrylic)</u>
Glazing – Residential	5100 Series 5200 Series

These products are used in production of residential windows. Whether the windows are wood, vinyl or aluminum, these products might be used in the glazing of the windows. Any products used in this application must be AAMA approved and silicone compatible.

The AAMA approval means the tapes have been tested to work as a seal between the glass and the window frame. Silicone is used with these products to seal the corners where the tapes meet.

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