

The following specification text has been prepared to assist design professionals in the preparation of a specification incorporating architectural glazing tapes. Utilize these paragraphs to insert text into Specification Section 08800 - Glazing, or similarly titled section governing this work.

For assistance on the use of the products in this section, contact Capital Tape by calling 888-888-TAPE, by email at [sales@capitaltape.com](mailto:sales@capitaltape.com) or visit their website at [www.capitaltape.com](http://www.capitaltape.com).

## PART 1 - GENERAL

If a full listing of reference standards is included, insert the following under "References"; edit to include only those reference standards used elsewhere in the specification.

- A. ASTM International:
  - 1. C518-01 - Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus.
  - 2. D412-02 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension.
  - 3. D1000-99 - Standard Test Method for Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications.
  - 4. D1667-97 - Standard Specification for Flexible Cellular Materials-Vinyl Chloride Polymers and Copolymers (Closed-Cell Foam).
  - 5. D2240-03 - Standard Test Method for Rubber Property - Durometer Hardness.

If physical samples are desired, insert the following under "Submittals"; edit to suit project requirements.

- A. Samples: [6] [\_\_\_\_\_] inch long glazing tape samples showing proposed tape sizes.

## PART 2 - PRODUCTS

Insert one of the following under "Accessories".

Use the following for a medium density glazing tape for shop-glazed assemblies.

- A. Architectural Glazing Tape:
  - 1. Source: No. V1510 by Capital Tape Co., Inc. with adhesive on one side and release paper.
  - 2. Composition: Compressible PVC foam, medium density.
  - 3. Density: 15.0 pcf, tested to ASTM D1667.
  - 4. Hardness: 40, Shore A, tested to ASTM D2240.
  - 5. Force required to compress 25 percent: 9.0 psi, tested to ASTM D1667.
  - 6. Compression set at 30 percent: 2 percent loss from original height, tested to ASTM D1667.
  - 7. Water absorption: 1.0 percent by volume, tested to Gaska Tape Test procedure.
  - 8. Thermal conductivity: K factor of 0.30, tested to ASTM C518.
  - 9. Peel adhesion: 3 to 4 pounds, tested to ASTM D1000.
  - 10. Tensile strength: 80 psi, tested to ASTM D412.
  - 11. Elongation: 160 percent, tested to ASTM D412.
  - 12. Service temperature: Minus 30 degrees F to plus 200 degrees F.

\*\*\*\* OR \*\*\*\*

Use the following for a medium density glazing tape with adhesive on two sides for shop-glazed assemblies.

- A. Architectural Glazing Tape:
  - 1. Source: No. V1520 by Capital Tape Co., Inc. with adhesive on two sides and release paper.
  - 2. Composition: Compressible PVC foam, medium density.
  - 3. Density: 15.0 pcf, tested to ASTM D1667.
  - 4. Hardness: 40, Shore A, tested to ASTM D2240.
  - 5. Force required to compress 25 percent: 9.0 psi, tested to ASTM D1667.
  - 6. Compression set at 30 percent: 2 percent loss from original height, tested to ASTM D1667.
  - 7. Water absorption: 1.0 percent by volume, tested to Gaska Tape Test procedure.
  - 8. Thermal conductivity: K factor of 0.30, tested to ASTM C518.
  - 10. Tensile strength: 80 psi, tested to ASTM D412.
  - 11. Elongation: 160 percent, tested to ASTM D412.
  - 12. Service temperature: Minus 30 degrees F to plus 200 degrees F.

\*\*\*\* OR \*\*\*\*

Use the following for a medium density spacer for structural silicone glazing applications.

A. Structural Glazing Spacers:

1. Source: No. V1826 by Capital Tape Co., Inc. with adhesive on two sides and plastic release liner.
2. Composition: PVC foam, medium density.
3. Density: 20.0 pcf, tested to ASTM D1667.
4. Hardness: 25, Shore A, tested to ASTM D2240.
5. Force required to compress 25 percent: 15.0 psi, tested to ASTM D1667.
6. Compression set at 25 percent: 2.5 percent loss from original height, tested to ASTM D1667.
7. Water absorption: 2.2 percent by volume, tested to Gaska Tape Test procedure.
8. Thermal conductivity: K factor of 0.30, tested to ASTM C518.
10. Tensile strength: 84 psi, tested to ASTM D412.
11. Elongation: 62 percent, tested to ASTM D412.
12. Dynamic shear: 60 psi, tested to Gaska Tape Test procedure.
13. Dynamic tensile: 35 psi, tested to Gaska Tape Test procedure.
14. Service temperature: Minus 10 degrees F to plus 210 degrees F.

\*\*\*\* OR \*\*\*\*

Use the following for a high density spacer for structural silicone glazing applications.

A. Structural Glazing Spacers:

1. Source: No. V2526 by Capital Tape Co., Inc. with adhesive on two sides and plastic release liner.
2. Composition: PVC foam, high density.
3. Density: 25.0 pcf, tested to ASTM D1667.
4. Hardness: 40, Shore A, tested to ASTM D2240.
5. Force required to compress 25 percent: 26.0 psi, tested to ASTM D1667.
6. Compression set at 25 percent: 2.3 percent loss from original height, tested to ASTM D1667.
7. Water absorption: 1.2 percent by volume, tested to Gaska Tape Test procedure.
8. Thermal conductivity: K factor of 0.33, tested to ASTM C518.
10. Tensile strength: 175 psi, tested to ASTM D412.
11. Elongation: 70 percent, tested to ASTM D412.
12. Dynamic shear: 55 psi, tested to Gaska Tape Test procedure.
13. Dynamic tensile: 65 psi, tested to Gaska Tape Test procedure.
14. Service temperature: Minus 10 degrees F to plus 210 degrees F.

### PART 3 - EXECUTION

Insert the following under "Installation".

- A.. Install glazing tape in accordance with manufacturer's instructions.