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**BW502 "Intumescent Batwing®"**

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**Material Composition:**

BW502 consists of a rigid PVC and flexible TPE combined material incorporating a flexible graphite material.

**Colors:**

Stock colors include Charcoal (black), Brown (dark brown), Gray and White. Other colors are available upon request. There may be a surcharge for special colors.

**Size:**

BW502 has a rigid backing. Therefore, it is available in cut lengths only.

- Product Dimensions: 1 1/16" x 7/16" is standard. Other dimensions may be manufactured upon request. There will be surcharges for other dimensions.
- Available Lengths: BW502 is manufactured in lengths up to and including 10'0". Other lengths are available upon request.

**Temperature Exposure:**

BW502 will remain flexible in a wide range of temperatures. The following is a guideline for properties of PVC. Environmental conditions and placement of the product may alter these temperature ranges.

- Cold: BW502 should remain flexible to -30° F.
- Hot: BW502 should remain flexible to 140° F.

**Chemical Exposure:**

PVC resists most acids, strong Alkalis, salts and paraffinic hydrocarbon solutions. It is not recommended for use with chlorinated or aromatic hydrocarbons, esters or polar solvents such as ketones.

**Expansion Characteristics:**

Products containing intumescent materials will expand at a variety of rates and temperatures. The following information serves as a guideline. Environmental conditions and placement of the product may alter these temperature ranges.

- Temperature for Expansion: 390° F
- Rate of Expansion: 7:1 average

**Moisture Resistance:**

Good resistance to water and humidity.

**Special Handling Requirements:**

BW502 should be stored at ambient temperatures between 40° F and 140° F. The adhesive backing used on BW502 has a shelf life of 18 months. Stocks should be rotated to accommodate this aging.