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## HP450 "High Performance Edge Seal"

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**Material Composition:**

HP450 consists of a flexible graphite material attached to a rigid PVC protective cover.

**Colors:**

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

**Size:**

HP450 is a rigid product. It is supplied in cut lengths.

- Product Dimensions: 1/16" x 1 3/4" is standard.
- Available Lengths: HP450 is manufactured in lengths up to and including 9'0". Other lengths are available upon request.

**Temperature Exposure:**

HP450 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: HP450 should remain flexible to -30° F.
- Hot: HP450 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: 18:1 average

**Moisture Resistance:**

Good resistance to water and humidity.

**Special Handling Requirements:**

HP450 should be stored at ambient temperatures between 40° F and 140° F. The adhesive backing used on HP450 has a shelf life of 18 months. Stocks should be rotated to accommodate this aging.