



ES991 "Flexible Edge Seal"

Material Composition:

ES991 consists of a flexible graphite material covered on top and both sides with a flexible PVC protective coating and co-extruded with a single soft elastomeric fin.

Colors:

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

Size:

ES991 is a flexible product. It is supplied in rolls.

- Product Dimensions: 3/32" x 5/8" is standard. Other dimensions may be manufactured upon request. There will be surcharges for other dimensions.
- Available Lengths: ES991 is supplied in rolls up to and including 100'.

Temperature Exposure:

ES991 will remain flexible in a wide range of temperatures. The following is a guideline for properties of silicone. Environmental conditions and placement of the product may alter these temperature ranges.

- Cold: ES991 should remain flexible to -30° F.
- Hot: ES991 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:

ES991 should be stored at ambient temperatures between 40° F and 140° F. The adhesive backing used on ES991 has a shelf life of 18 months. Stocks should be rotated to accommodate this aging.