



ES982 "Flexible Edge Seal"

Material Composition:

ES982 consists of a flexible graphite material covered on top and both sides with a flexible PVC protective coating and co-extruded with three soft elastomeric fins.

Colors:

This material is stocked in Charcoal (black). Other colors are available upon request. There may be a surcharge for special colors.

Size:

ES982 is a flexible product. It is supplied in rolls.

- Product Dimensions: 1/16" x 1/2" is standard. Other dimensions may be manufactured upon request. There will be surcharges for other dimensions.
- Available Lengths: ES982 is supplied in rolls up to and including 50'.

Temperature Exposure:

ES982 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: ES982 should remain flexible to -30° F.
- Hot: ES982 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:

ES982 should be stored at ambient temperatures between 40° F and 140° F. The adhesive backing used on ES982 has a shelf life of 18 months. Stocks should be rotated to accommodate this aging.