

SPEC SHEET

MATERIAL COMPOSITION:

GT1850 consists of a flexible foam graphite material.

COLORS:

Stock colors include Charcoal (black).

SIZE:

GT1850 is a flexible product supplied in rolls.

· Product Dimensions: 1/8" x 1/2" is standard.

TEMPERATURE EXPOSURE:

GT1850 will remain flexible in a wide range of temperatures. The following is a guideline for properties of the graphite intumescent. Environmental conditions and placement of the product may alter these temperature ranges.

Cold:

GT1850 should remain flexible to -30° F.

Hot:

GT1850 should remain flexible to 140° F.

CHEMICAL EXPOSURE:

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:

Excellent resistance to water and humidity.

SPECIAL HANDLING REQUIREMENTS:

GT1850 should be stored at ambient temperatures between 40° F and 140° F. The adhesive backing used on GT1850 has a shelf life of 18 months. Stocks should be rotated to accommodate this aging.