High Temp Mesh

PRODUCT DATA SHEET

SELECTION & SPECIFICATION DATA

Generic Type	Woven Carbon Fiber Fabric (Leno Weave)
Description	High Temp Mesh is an open leno weave, 99+% carbon content, high temperature mesh used as a reinforcing media with Thermo-Lag®, Pyroclad® and Thermo-Sorb® intumescent fireproofing products. The mesh is supplied with a coated finish to enhance handling.
Typical Uses	High Temp Mesh is a reinforcing mesh used with Thermo-Lag® and Pyroclad® intumescent fireproofing products (for specific designs) when applied to structural steel beams and columns, bulkheads, underdecks and jet fire applications which are subjected to ASTM-E119/UL 263 (cellulosic), UL 1709 (hydrocarbon) or jet fire environments. High Temp Mesh is also used as a reinforcing media with Thermo-Sorb® intumescent fireproofing for 3 hour ratings on tubular steel beams and columns. *The product should be applied in accordance with the appropriate design.
Color	Black

APPLICATION PROCEDURES

General	High Temp Mesh is installed into the wet Thermo-Lag®, Pyroclad® or Thermo-Sorb® intumescent materials. Contact Carboline Technical Service for specific design details. *The product should be applied in accordance with the appropriate design.

TESTING / CERTIFICATION / LISTING

General	Underwriter's Laboratories, Inc. (UL) Intertek Laboratories, Inc. Lloyd's Register of Shipping (LRS) Det Norske Veritas (DNV) American Bureau of Shipping (ABS) Southwest Research Institute (SWRI) FM Global

PACKAGING, HANDLING & STORAGE

Packaging	Approximately 1,000 to 1,500 ft² (93 to 139 m²) per roll / 1 roll per carton. Actual area may vary. *Contact Carboline Technical Service for smaller roll sizes.
Shelf Life	N/A (Not affected by environmental changes) *Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers.
Storage	Store indoors in a dry environment.
Nominal Weight	88 g/m² (average)
Standard Length	Approximately 300 to 450' (91 to 137 m)
Standard Width	Approximately 35 to 40" (0.89 to 1.02 m)

WARRANTY

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