BASE CLOTH: Fiberglass

LAMINATE: 0.001” Foil

WEIGHT: 20.45 oz./sq. yd. (+/-10%)

THICKNESS: 0.030” + .004”

TENSILE STRENGTH:  
Warp: 250Lb/Inch Avg  
Fill: 250 Lb/Inch Avg  
ASTM-D-5035-95

TEAR STRENGTH:  
Warp: 50# Minimum Avg  
Fill: 50# Minimum Avg  
ASTM-D-5587-96

BURST STRENGTH: 550 PSI Minimum  
ASTM-D-3786-87

FLAME RESISTANCE:  
Char Length 1 inch max.  
Afterglow 1 second max.  
Flame Out 1 second max.  
FED 191/5903.2

COATING: Aluminum Foil to provide vapor retarder and a barrier to water and oil.

TEMPERATURE RESISTANCE:

Composite: Service Temperature Continuous: 310ºF FED Spec HHB-100B  
Service Temperature Intermediate: 500ºF

Fabric: Service Temperature Continuous: 1000ºF

Foil: Service Temperature Continuous: 1200ºF

*Material meets MIL-C-20079 Type 1, Class 10, MIL-I-24244B, Coast Guard Specification 164-009 for fire-retardant material and NRC Guide 1.36*