



# ENVIRONMENTAL PROTECTION PRODUCTS AND THERMAL BARRIERS For A Green World

## HYTEX® 2500 CERAMIC FIBER TEXTILES



HYTEX® 2500 CERAMIC FIBER TEXTILES are very effective high-temperature resistant textiles capable of maintaining a continuous operating temperature of 2500°F • 1370°C. Manufactured from ceramic fiber yarn with no supportive carrier, HYTEX® 2500 Textiles retain strength, flexibility and molten metal resistance at higher temperatures than most other refractory textile materials.

Fire barriers constructed from HYTEX® 2500 are lighter weight than metallic materials, and have successfully passed FAA 2000°F • 1095°C 15 minute flame penetration tests. Low thermal conductivity and high electrical resistivity makes these textiles highly efficient as high-temperature barriers and electrical insulation.

### AVERAGE PHYSICAL PROPERTIES

Composition	Alumina, 62%
Color	White
Use Limit	
Continuous	2500°F • 1370°C
Short term	2800°F • 1540°C
Melting Point	3260°F • 1795°C

### HYTEX 2500 PRODUCTS

PRODUCT	TYPE	WIDTH/DIAMETER	THICKNESS
Cloth	Woven	Various	.018" to .030"
Tape	Woven	1", 1-1/2", 2"	.018"
Sleeving	Braided	1/16" to 2-1/2"	.031" to .125"

Tolerance is +/- 10% unless otherwise stated.

The technical data presented herein are indicative of representative properties and are intended as a specification guide only. No warranties are expressed or implied as application conditions are beyond our control.

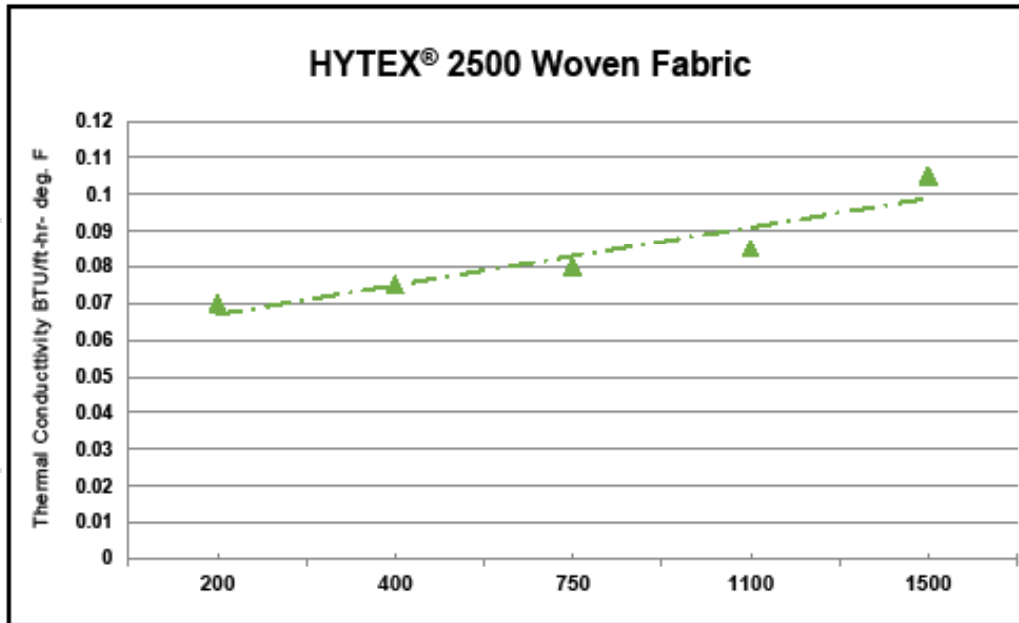
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HYTEX® 2500 CERAMIC FIBER TEXTILES, cont'd.

## THERMAL CONDUCTIVITY



Sum of BTU/ft-hr-deg. F	Description
Temperature deg. F	HYTEX® 2500
200	0.07
400	0.075
750	0.08
1100	0.085
1500	0.105

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