

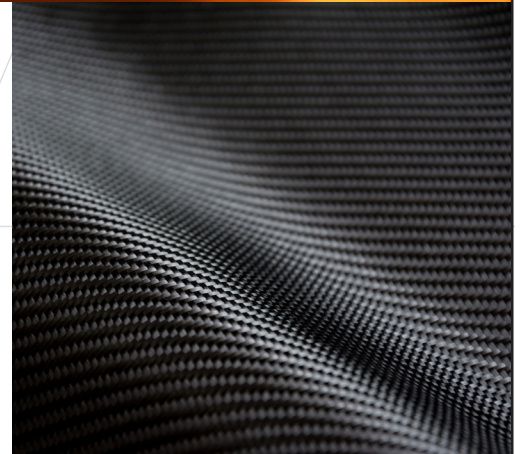


ENVIRONMENTAL PROTECTION PRODUCTS AND THERMAL BARRIERS

For a Green World

HYTEX® 5000 HIGH CARBON (PAN) INDUSTRIAL TEXTILES

HYTEX® 5000 CARBON TEXTILES are very effective, high-temperature resistant textiles recommended for short term use at operating temperatures of 5000°F • 2760°C. Manufactured from heat-stabilized polyacrylonitrile fibers, HYTEX® 5000 CARBON TEXTILES are ideal for applications that require low weight and high-strength properties, and can be supplied with special coatings and with pressure sensitive backings.



AVERAGE PHYSICAL PROPERTIES

Composition	Polyacrylonitrile carbon (PAN), 64%
Color	Black
Use Limit	
Continuous	In air: 700°F • 370°C No oxygen: 5000°F • 2760°C
Short term	In air: 900°F • 480°C No oxygen: 6000°F • 3315°C
Melting Point	Decomposes at 6600°F • 3650°C

HYTEX 5000 PRODUCTS

PRODUCT	TYPE	WIDTH/DIAMETER	THICKNESS
Cloth	Woven	40"	Various
	Knit	12" to 40"	.060" to .250"
Tape	Woven	1" to 3"	Various
	Knit	1/2" to 12"	.060" to .250"
Sleeving	Braided	1/8" to 3"	.060" to .250"
Rope	Braided	1/8" to 3"	
	Knit	1/8" to 1-1/2"	

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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