

Mid-Mountain Materials HYTEX[®] 2500 Ceramic Fiber Industrial Textile

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

HYTEX[®] 2500 Ceramic Fiber Industrial Textiles are exceptionally effective high temperature textile products capable of withstanding continuous temperatures up to 2500[°]F (1370[°]C). Manufactured from ceramic fiber yarn with no supportive carrier fibers, these products retain strength, flexibility and molten metal resistance at higher temperatures than most other refractory textile materials. Low thermal conductivity and high electrical resistivity makes HYTEX[®] 2500 products highly efficient as high temperature thermal and electrical insulation. HYTEX[®] 2500 textiles are compatible with silicone, epoxy, phenolic, polyester, and polyimide matrix materials. Fire barriers constructed from HYTEX[®] 2500 products are lighter weight than metallic materials and have successfully passed FAA 2000[°]F (1095[°]C) 15-minute flame penetration tests. HYTEX[®] 2500 products can be supplied with special densities, constructions, and pressure-sensitive adhesive backing. HYTEX[®] 2500 products are fabricated in various forms and shapes to customer specifications utilizing thermally compatible sewing thread. Information provided by Mid-Mountain Materials

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mid-Mountain-Materials-HYTEX-2500-Ceramic-Fiber-Industrial-Textile.php

Thermal Properties	Metric	English	Comments
Melting Point	1795 [°] C	3263 [°] F	
Maximum Service Temperature, Air	1370 [°] C	2500 [°] F	Continuous
	1540 [°] C	2800 [°] F	Short term

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	70 %	70 %	

Descriptive Properties	Value	Comments
Abrasion Resistance	Fair to Good	
Acid Resistance	Good	
Alkali Resistance	Fair	
Color	White	
Solvent Resistance	Excellent	
Sunlight and Aging Resistance	Excellent	

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