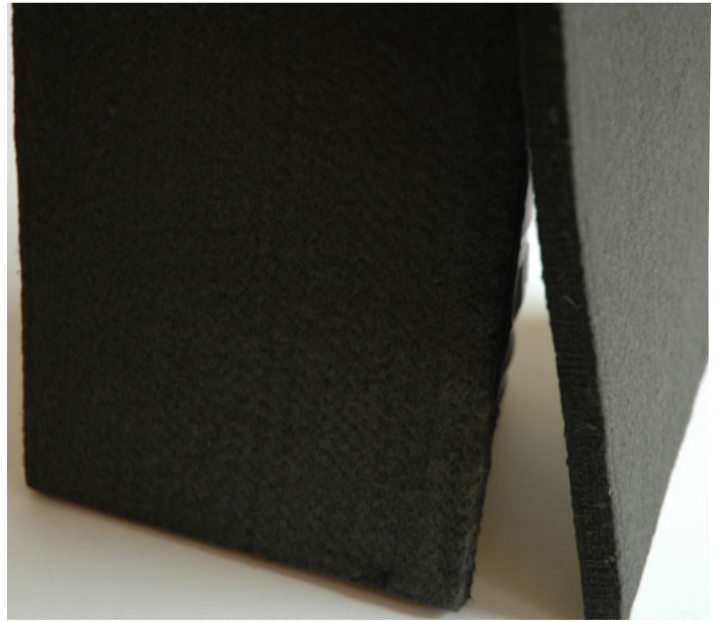


ZOLTEK™ OX FELTS

DESCRIPTION

Produced from 100% ZOLTEK OX oxidized PAN fibers, needlepunched felts are for use as thermal/acoustical insulation in aerospace, automotive or general industrial high temperature applications. Valuable as a low cost - high performance fire or spark barrier.



MATERIAL OVERVIEW	FT0500-200		FT0575-095		FT060-60		FT1700-110	
	SI	US	SI	US	SI	US	SI	US
Areal Weight*	500 g/m ²	15 oz/yd ²	576 g/m ²	17 oz/yd ²	203 g/m ²	6 oz/yd ²	1700 g/m ²	50 oz/yd ²
Width	203 cm	80 in	94 cm	37 in	152 cm	60 in	117 cm	46 in
Roll Length	100 m	109 yds	45 m	50 yds	45 m	50 yds	60 m	66 yds
Thickness	4.2 mm	0.17 in	6.4 mm	0.25 in	2 mm	0.08 in	12.7 mm	0.5 in
Fiber Input	1.7 or 2.2 dTex							
Construction	Needlepunch							

*Custom weights available

FIBER PROPERTIES	
Density	1.36 g/cc min.
Diameter	12.5μ (1.7 dTex)
LOI	40%+
Color	Black
Resistivity	8x10 ⁸ ohms-cm

CHEMICAL COMPOSITION (%)	
Carbon Content	62
Nitrogen	21.5
Oxygen	12
Hydrogen	4.5
Sodium	< 0.1
Trace Metals	< 0.01

CHEMICAL RESISTANCE	
Strong Acids	Good
Weak Acids	Excellent
Strong Bases	Poor
Weak Bases	Good
Organic Solvents	Excellent

The properties listed in this datasheet do not constitute any warranty or guarantee of values. This information should only be used for the purposes of material selection. Please contact us for more details.

ZOLTEK™ OX FELTS

TYPICAL PACKAGING

ZOLTEK OX Felts are wound on cardboard cones and sealed in plastic.

CERTIFICATION

ZOLTEK OX Felts are manufactured in accordance with ZOLTEK's written and published data. A Certificate of Conformance is provided with each shipment.

SAFETY

Obtain, read, and understand the Material Safety Data Sheet (SDS) before use of this or any other ZOLTEK product.