

Technical Datasheet

ZOLTEK™ PX35 Carbon Felts

DESCRIPTION

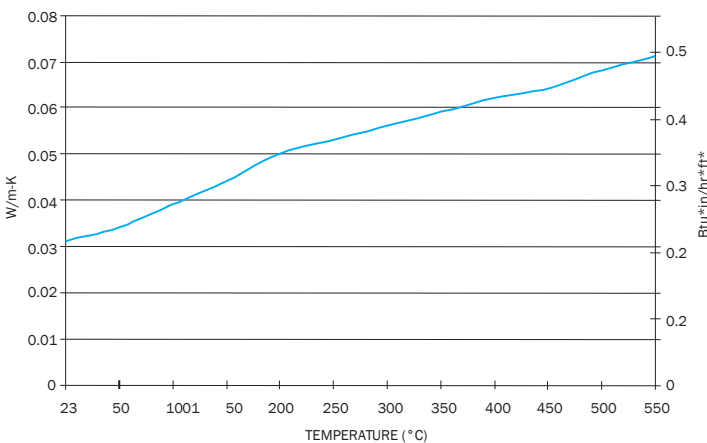
Produced from 100% ZOLTEK OX oxidized PAN fibers and later carbonized in our vacuum furnaces, ZOLTEK PX35 carbon felt is widely used. Current applications include insulation in high temperature furnaces, unique properties on our ZOLTEK PX35 carbon felts are invaluable when searching for solutions in complex thermal, corrosive, or conductive applications.



MATERIAL OVERVIEW	SI	US
Carbon Content	95%	
Width	98 cm	35 in
Weight	1,035 g/m ²	30 oz/yd ²
Thickness	10 mm	0.4 in
Density	0.102 g/cc	0.00368 lb/in ³
Roll Length	45 m	50 yds
Thermal Conductivity @ 23 °C	0.031 W/m*K	0.21 Btu*in/hr*ft*F
Thermal Conductivity @ 600 °C	0.07 W/m*K	0.51 Btu*in/hr*ft*F
Specific Heat @ 23 °C	0.741 W*sec/g*K	0.099 Btu/lb*F
Specific Heat @ 600 °C	1.72 W*sec/g*K	0.232 Btu/lb*F

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.

THERMAL CONDUCTIVITY



TYPICAL PACKAGING

Wound on cardboard cone, sealed in polyethylene bag, and placed in cardboard box.

CERTIFICATION

ZOLTEK PX35 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.

ZOLTEK™ PX35

