



Specification Sheet

Product Name: Stealth Shield

Section 1: Applications

Welding protection, fire/safety, automotive, high temperature gaskets and seals, aerospace insulation, automotive insulation.

Section 2: Features and Benefits

- Withstands direct flame, heavy sparks, and molten metal
- Prevents the transfer of heat
- Resists tearing
- Abrasion resistance
- Extremely efficient at displacing thermal energy

Section 3: Technical Data

- Fiber Type – Pan based carbon fiber with woven reinforcement

TYPICAL PRODUCT PROPERTIES

Color:	Black
Maximum Temperature:	3000F
Service Temperature:	1800F
Thermal Conductivity:	0.03W/m*K

	<u>0.125" thickness</u>	<u>0.250" thickness</u>
Weight:	16 oz/sqyd	22 oz/sqyd
Mullens Burst Test:	200 lbs	250 lbs
Tensile Strength: (with 30% elongation)	146 lbs	175 lbs

Meets Coast Guard Spec. 164.009 for Incombustible Materials