



# PYRO SHIELD, INC.

Insulation, Fabrication and Warehouse • FREE Local Delivery

[www.PyroShield.com](http://www.PyroShield.com)



**PROTECT YOUR INVESTMENT**  
Pyro Shield Heat Barrier Solutions

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## HS STOPHEAT

**HS 16 is our newest product in Pyro Shield's line of high temp fabrics and insulation.** This ceramic mat is encapsulated in a silica fabric on both sides, encasing the fibers inside. HS 16 (STOPHEAT) works well for slow cooling, PWHT, stress relieving, gouging protection, and heavy welding applications.

### HS 16 DATA SHEET

#### SILICA FABRIC ENCAPSULATING CERAMIC FIBER MAT

**SILICA FABRIC:**

0.022 THICKNESS BOTH SIDES

**TEMPERATURE RESISTANCE:**

1800 DEGREES F.

**SILICA CONTENT:**

98% SiO<sub>2</sub> (SILICA)

**WEAVE:**

SATIN

**CERAMIC FIBER MAT:**

16MM THICK

**TEMPERATURE RESISTANCE:**

2600 DEGREES F.

**CONSTRUCTION:**

CERAMIC FIBER MAT

**HS 16 TOTAL WEIGHT PER**

**SQUARE YARD: 7.3 LBS**

**ROLL SIZE: 35"X 22'**

**NOTE: THESE ROLLS CAN BE**

**FABRICATED TO SIZES LESS**

**THAN MASTER ROLL SIZE 1'X3',**

**2'X5', 18"X20' ETC.**

### Key Industries:

- Automotive
- Aerospace
- Manufacturing
- Construction
- Ship Building / Marine
- Military / Defense
- Forging / Foundries

**OTHER:** MATERIAL SHOULD BE TESTED FOR SUITABILITY FOR EVERY APPLICATION CONSIDERED

**NOTE:** USERS FAMILIARIZE WITH THIS PRODUCTS MSDS. ALL STATEMENTS ARE EXPRESSED OPINION WHICH WE BELIEVE TO BE ACCURATE, RELIABLE AND PRESENTED WITHOUT GUARENTEE OR RESPONSIBILITY ON OUR PART.

	Hot Face Temp	Cold Face Temp (1) Layer	Cold Face Temp (2) Layer
<b>PREHEAT</b>	400F	241F	123F
<b>BAKE-OUT</b>	600F	285F	159F
<b>Carbon PWHT</b>	1200F	507F	333F
<b>Chrome PWHT</b>	1375F	549F	385F

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**PYRO SHIELD, INC.**

# **HS 16**

## **DATA SHEET**

### **SILICA FABRIC ENCAPSULATING CERAMIC FIBER MAT**

**SILICA FABRIC: 0.022 THICKNESS BOTH SIDES**

**TEMPERATURE RESISTANCE: 1800 DEGREES F.**

**SILICA CONTENT: 98% SIO2 (SILICA)**

**WEAVE: SATIN**

**CERAMIC FIBER MAT: 16MM THICK**

**TEMPERATURE RESISTANCE: 2600 DEGREES F.**

**CONSTRUCTION: CERAMIC FIBER MAT**

**HS 16 TOTAL WEIGHT PER SQUARE YARD: 7.3 LBS**

**ROLL SIZE: 40"X 25'**

**NOTE: THESE ROLLS CAN BE FABRICATED TO SIZES LESS THAN MASTER ROLL SIZE 1'X3', 2'X5', 18"X20' ETC.**

**OTHER: MATERIAL SHOULD BE TESTED FOR SUITABILITY FOR EVERY APPLICATION CONSIDERED**

**NOTE: USERS FAMILIARIZE WITH THIS PRODUCTS MSDS**

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