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:**
- Thickness: 0.022 on both sides
- Temperature Resistance: 1800 degrees F
- Content: 98% SiO2 (Silica)
- Weave: Satin

**CERAMIC FIBER MAT:**
- Thickness: 16mm
- 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.

**OTHER:** Material should be tested for suitability for every application considered.

**NOTE:** Users familiarize with this product’s MSDS. All statements are expressed opinion which we believe to be accurate, reliable and presented without guarantee or responsibility on our part.

<table>
<thead>
<tr>
<th>Preheat</th>
<th>Cold Face Temp (1 Layer)</th>
<th>Cold Face Temp (2 Layer)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hot Face Temp</strong></td>
<td><strong>Cold Face Temp</strong></td>
<td><strong>Cold Face Temp</strong></td>
</tr>
<tr>
<td>Preheat</td>
<td>400F</td>
<td>241F</td>
</tr>
<tr>
<td>Bake-Out</td>
<td>600F</td>
<td>285F</td>
</tr>
<tr>
<td>Carbon PWHT</td>
<td>1200F</td>
<td>507F</td>
</tr>
<tr>
<td>Chrome PWHT</td>
<td>1375F</td>
<td>549F</td>
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</tbody>
</table>

Key Industries:
- Automotive
- Aerospace
- Manufacturing
- Construction
- Ship Building / Marine
- Military / Defense
- Forging / Foundries
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 SUITABILTY 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 GUARANTEE OR RESPONSIBILITY ON OUR PART.