



FOR THE EXTRA HOT JOBS USE
SUPER HOT•STOP®
HIGH TEMPERATURE FABRIC RESISTANT TO 1800° F

Use SUPER HOT•STOP® fabrics with complete confidence for the maximum level of protection in operations producing heavy cutting, weld sparks, molten metal, radiant heat and many other high temperature conditions.

SUPER HOT•STOP is a woven amorphous silica totally fireproof product that is easily fabricated to meet special design applications. In addition to the typical uses listed above, SUPER HOT•STOP fabrics are excellent for use as encapsulation cloth on heat treat, stress weld

and personnel protective pads, it is also used widely as gasketing and sewn tadpole seals. Ceramic blankets encapsulated in SUPER HOT•STOP emit few fibers and therefore provide for a safer workplace environment. SUPER HOT•STOP is available in two grades, heavy (H) and light (L). Also available with silicone coating, aluminum foil laminate (one side) and can be sewn to attain thicknesses up to 1/4".



TYPICAL USES

- Weld curtains, blankets
- Fire protective wrap
- Stress weld blankets
- Heat shields for stacks
- Flame extinguisher
- Gasketing
- Expansion joint liner
- Encapsulation of blankets

SUPER HOT•STOP IS USED EFFECTIVELY TO ENCAPSULATE REFRACTORY BLANKET INSULATION THAT HAD BEEN INSTALLED IN THE TIEBACK SECTION OF A FOSSIL FUELED POWER PLANT. BLANKETS WERE LATER REMOVED DURING A PLANNED OUTAGE WITH MINIMAL IMPACT ON THE ENVIRONMENT, DUE TO CONTAINMENT OF AIRBORNE FIBER.

SUPER HOT•STOP SPECIFICATIONS

	HEAVY (H)	LIGHT (L)
Base Fabric	Silica	Silica
Color/Appearance	Tan	Tan
Available Widths	36" (0.89)	36" (0.89)
Roll Length, Yards (Approx)	50	50
Weave Style	Satin, 12 Harness	Satin, 8 Harness
Construction, Ends x Picks/in. ²	48 x 27	47 x 33
Fabric Weight, oz./yd ² (avg.)	36	18
Fabric Thickness, in.	0.050 – 0.054	0.028
Warp Strength, lb./in.	490	360
Fill Strength, lb./in.	360	250
Abrasion Resistance	Excellent	Very Good
Temperature Tolerance	1800° F continuous 3000° F melting temp.	1800° F continuous 3000° F melting temp.
Base Fabric Certifications	94% Silica Content	94% Silica Content
Chemical Resistance	Excellent	Excellent
Solvent Resistance	Excellent	Excellent
Sunlight & Age Resistance	Excellent	Excellent
Electrical Properties	High Dielectric Strength, Low Constants	High Dielectric Strength, Low Constants

ADDITIONAL DATA

Meets military specification MIL-C-24576A and MIL-I-24244C



SUPER HOT•STOP CAN BE FABRICATED TO MEET YOUR SPECIAL REQUIREMENTS. IT CAN BE FABRICATED BY USING HOE RING STAPLES (L) OR MACHINE STITCHING (R).