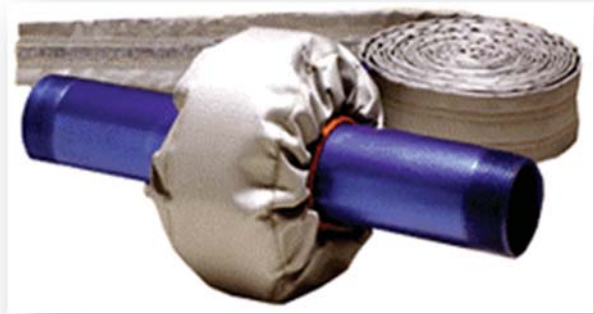


HIGH TEMPERATURE TEXTILE PRODUCTS

PRODUCTS

- NAVY SPRAY SHIELDS
- FIRE SLEEVES
- CLOTH
- TAPE: *PLAIN, WIRE INSERTED*
- TADPOLE: *PLAIN, WIRE INSERTED*
- ROPE: *BRAIDED, KNITTED, TWISTED*
- TUBING: *PLAIN, SILICONE*
- BLANKET ("A" CLOTH)
- CURTAIN
- INSULATION PADS

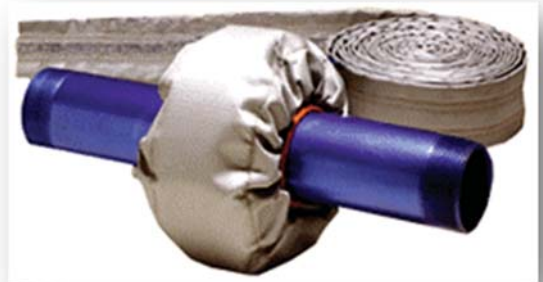


APPLICATIONS

- WELDING PROTECTION
- PIPE LAGGING
- HEAT SHIELDS
- EXPANSION JOINTS
- BOILER GASKETS
- FIRE/BLAST DOOR SEALS
- OVENS
- FLANGE and VALVE INSULATION
- HOSE and CABLE COVERINGS



NAVY SPRAY SHIELDS	
PART NO:	FLANGE SIZE / LENGTH
SDS-230SS	2" / 30 FT
SDS-330SS	3" / 30 FT
SDS-430SS	4" / 30 FT
SDS-530SS	5" / 30 FT
SDS-630SS	6" / 30 FT
SDS-730SS	7" / 30 FT
SDS-830SS	8" / 30 FT
SDS-920SS	9" / 20 FT
SDS-1020SS	10" / 20 FT
SDS-1120SS	11" / 20 FT
SDS-1220SS	12" / 20 FT



To manufacture a Navy Spray Shield basic information is required:

- Pipe size
- type of fitting to be covered
- and/or the dimensions of any special fitting

DELIVERY TIME ON NAVY SPRAY SHIELDS: 3 TO 4 WEEKS A.R.O.

This specially designed and fabricated safety shield is used in engineering spaces on naval and commercial vessels. These shields are installed around mechanical joints — flange connections, bolted unions, valves, etc. — in liquid piping systems. In the event of a leak in a joint, this safety product prevents both the contact of flammable liquid on hot surfaces and the dripping of fluid into electrical switch-boards/components.

These specialized shields contain two layers. The first, an inner layer of aluminum laminated to fiberglass, resists heat, chemicals and moisture. The second, a high temperature resistant, flame retardant outer layer of silicone rubber and fiberglass, is designed as a protective cover to provide greater life and improved resistance to abrasion, flexing, tear and puncture. These two layers are sewn together by TFE-coated fiberglass thread that is unaffected by fungi, is resistant to most chemicals and will not burn or support combustion in normal atmospheres.



AMI-GLAS 1000° TADPOLE TAPE	
STYLE	OVERALL <u>WIDTH*</u>
GL16-1000	1"
GL16-1250	1.25"
GL16-1375	1.375"
GL16-1500	1.5"
GL16-1625	1.625"
GL16-1750	1.75"
GL16-1875	1.875"
GL16-2000	2"
GL16-2250	2.25"
GL16-2375	2.375"
GL16-2500	2.5"
GL16-2625	2.625"
GL16-2750	2.75"
GL16-3000	3"



AVAILABLE BULB DIAMETERS: 3/8", 1/2", 5/8", 3/4", 1"

***OVERALL WIDTH IS + OR - 10%**

1. STANDARD PUT UP: 100' PIECES (30.5M)
2. STANDARD TAIL THICKNESS: 1/8" (3mm)
3. OTHER SIZES AVAILABLE UPON REQUEST
4. TADPOLE TAPES AVAILABLE IN WIRE INSERTED JACKET IN ALL ABOVE SIZES
5. BULB ALSO AVAILABLE WITH STAINLESS STEEL OR INCONEL

AMI-GLAS 1000° FIBERGLASS TAPE

PART NO:	THICKNESS	WIDTH / LENGTH
GL16-1	.060"	1" / 100 FT
GL16-1.5	.060"	1.50" / 100 FT
GL16-2	.060"	2" / 100 FT
GL16-3	.060"	3" / 100 FT
GL16-4	.060"	4" / 100 FT
GL16-6	.060"	6" / 100 FT
GL08-1	.125"	1" / 50 FT
GL08-1.5	.125"	1.50" / 50 FT
GL08-2	.125"	2" / 50 FT
GL08-3	.125"	3" / 50 FT
GL08-4	.125"	4" / 50 FT
GL08-6	.125"	6" / 50 FT



MINIMUM ORDER: 1 ROLL
2. DELIVERY: 3-5 DAYS A.R.O

OTHER THICKNESSES and WIDTHS AVAILABLE

- Made with 100% continuous filament fiberglass
- Continuous protection up to 1000° F (540° C)
- Excellent insulation value (K=.419)
- Tough, flexible and versatile
- Meets USCG 164.009 for incombustibility
- Non-hazardous to workers
Meets military specifications for shipbuilding and repair
- Can be dyed, coated and/or aluminized
- Available with pressure-sensitive adhesive
- Can be slit or sewn to order, and specially packaged

ALSO AVAILABLE IN:

- CLOTH
- TADPOLE
- ROPE
- BLANKETS

Used for Welding Protection, Insulation, Gasketing, Expansion Joints, Heat Shields and Containment, Oven Door Seals, Emergency Fire Blanket and Machinery, Personnel Protection, Safety Clothing and more.

AMI-SIL 1800° TAPE		
PART NO:	THICKNESS	WIDTH / LENGTH
AS50-1	.050"	1" / 100 FT
AS50-1.5	.050"	1.50" / 100 FT
AS50-2	.050"	2" / 100 FT
AS50-3	.050"	3" / 100 FT
AS50-4	.050"	4" / 100 FT
AS50-6	.050"	6" / 100 FT
AS90-1	.090"	1" / 50 FT
AS90-1.5	.090"	1.50" / 50 FT
AS90-2	.090"	2" / 50 FT
AS90-3	.090"	3" / 50 FT
AS90-4	.090"	4" / 50 FT
AS90-6	.090"	6" / 50 FT



1. MINIMUM ORDER: 1 ROLL
2. DELIVERY: 3-5 DAYS A.R.O

- Continuous protection to 1800°F (1000°C)
- Melting point in excess of 3000°F (1650°C)
- Minimum 96% amorphous silica content
- Meets military specification MIL-C-24576
- Flexible and chemical resistant
- Low thermal conductivity

Low halogens and soluble chlorides
AVAILABLE WITH ADHESIVE BACK-PLEASE

- SPECIFY WITH ADHESIVE BACK WHEN REQUESTING A QUOTE

AVAILABLE IN:





FIBERGLASS ROPE

Woven Soft, Dense, Twisted and Square Braided

1100°F / 593°C Continuous Exposure: Higher Intermittent

This high temperature rope is heat and flame resistant. This knitted rope is fabricated with high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1100°F / 593°C.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

The base fiber is manufactured to the specifications of ASTM D-578, ASTM committee D13, and subcommittee D13.18.

Typical applications for this high temperature rope include as a gasket or seal on boiler, coke oven, industrial oven and wood stove/pellet stove doors. It is also used for crucible packing and pollution control equipment, high temperature tying and lacing cords, as a core rope in tadpole tapes and as a pipe wrap.

As a fireproof rope, this rope will not burn, but will melt at temperatures above 1500°F.

VERMICULITE COATED FIBERGLASS ROPE

Woven Soft, Dense, Twisted and Square Braided

1500°F / 815°C Continuous Exposure: Higher Intermittent

This high temperature, heat and flame resistant vermiculite coated fiberglass rope will withstand temperatures of 1500°F / 815°C continuous exposure. The base High Temperature fiberglass rope is fabricated from high quality type E fiberglass that will not burn. The rope is then coated with a vermiculite dispersant. This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

Applications for this product include as seals on oven and kiln doors, fireplace doors, industrial and laboratory ovens. The vermiculite coating also adds abrasion resistance to the rope.



SOFT



DENSE



TWISTED



SQUARE



SILICONE RUBBER COATED FIBERGLASS ROPE

550°F / 287°C Continuous



This is a high temperature rope, heat and flame resistant silicone rubber coated fiberglass, designed to be used as a gasket or seal in environments that are exposed to the hazards of high heat and occasional flame or molten metal splash, slag, sparks and contamination.

It is available completely coated or with partial rope exposed.

This high-temperature rope is most often used as a seal where a high degree of air or gas or liquid tightness is required.

This rope is fabricated from knitted type E fiberglass and is then coated with a high grade high-temperature silicone rubber.

FIBERGLASS ROPE GASKET with STAINLESS STEEL WIRE MESH CORE

1000°F / 537°C Continuous Exposure: Higher Intermittent



This high temperature, heat and flame resistant fiberglass gasket rope has a stainless steel wire mesh core.

This rope is fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1000°F / 520°C. This high temperature rope is used as a gasket or seal with excellent compression resistance.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

Supplied cut to length, this metal mesh cored rope makes an excellent seal due to its compressibility, and adds EMI/RFI protection to cabinets and enclosures.



FIBERGLASS FABRIC CLOTH

High Temperature, Heat & Flame Resistant Thermal Insulating

1000°F / 537°C Continuous Exposure: Higher Intermittent



High temperature, heat and flame resistant thermal insulating fiberglass fabric fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1000°F / 520°C. It is used to protect equipment, wires, cables, hoses, tubing and pipes. This high temperature fabric provides thermal insulation and personnel protection.

These high temperature fabrics are often used to fabricate insulated equipment covers, welding curtains and blankets.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

Available in the following finishes:

- Plain
- Heat Treated
- Vermiculite Coated,
- PTFE (teflon) Coated
- Aluminum Foil Coated one side
- PSA (Pressure Sensitive Adhesive).





VERMICULITE COATED FIBERGLASS FABRIC

Very High Temperature, Heat & Flame Resistant Thermal Insulating

1500°F / 815°C Continuous Exposure: Higher Intermittent



This high temperature, heat and flame resistant thermal insulating vermiculite coated fiberglass fabric will withstand temperatures of 1500°F / 815°C continuous exposure. The base High Temperature fiberglass fabric is fabricated from high quality type E fiberglass that will not burn. The fabric is then coated with a vermiculite dispersant.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

Applications for this product include welding blankets and curtains, heat shields, etc.

The vermiculite coating also adds abrasion resistance to the fabric.

Available in 5 weights/thicknesses and 40" or 60" widths. Roll length 50 yards.

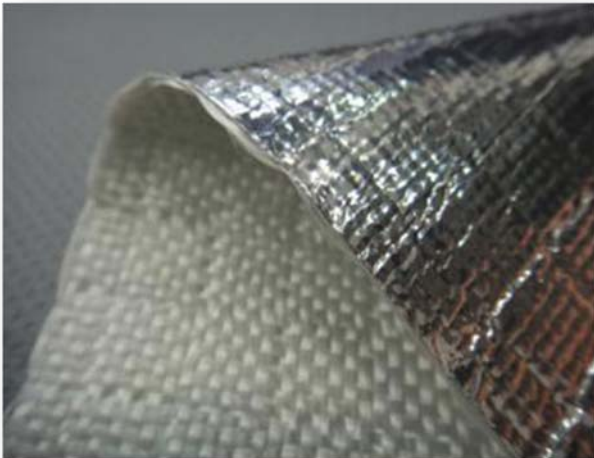


RADIANT HEAT REFLECTING ALUMINUM COATED FIBERGLASS FABRIC

High Temperature, Heat Resistant;

Meets MIL-C-20079 (Type 1, Class 10) / MIL-I-24244 / USCG 164.009 / NRC Guide 1.36

**300°F / 149°C Continuous Standard Grade and
500°F / 260°C Continuous (600°F / 315°C Intermittent) High
Temperature Grade**



The base fiberglass material is partially heat treated to remove organics, set the weave dimensionally and reduce fray and loose fibers.

Provides protection from radiant heat. One side is coated with a 1mil (.001") thickness aluminum foil. Reflects more than 95% of the radiant heat that contacts its surface. Excellent radiant heat protection from sources such as super-hot metal slabs, proximity to liquid metal, infrared heaters, open flame/plasma or engine exhaust manifolds.

Available in two temperature ratings based on type of laminating adhesive.

Used in marine and nuclear applications as a flange shield material due to its excellent vapor barrier and water/oil resistance.

Designed for long-term continuous operation at 300°F / 149°C or 500°F / 260°C (intermittent 600°F / 315°C) this fabric will withstand short duration exposure up to 1115°F / 600°C. The aluminum coating melts at 1220°F / 660°C, however it does take some time for the aluminum to absorb enough heat to melt - thereby it can withstand short exposure to the higher temperatures.

Fabric weight is 19.5 oz/sq/yd. Roll width is 36, 48 and 60 inches..

This fabric is also available with a self-adhesive backing. The adhesive is acrylic based, and will burn-off or vaporize at temperatures above 400°F. If prolonged use of the self-adhesive fabric above 400°F is desired, then alternate securing methods such as fasteners, wire or clamps should be used. Personnel should avoid inhaling fumes from the PSA.