

Heat Reflecting Silicone Rubber Sealed Fiberglass Fabric
500°F / 260°C: Dual-Coat™ Aluminum Film One Side / Silicone Rubber One Side
High Temperature & Radiant Heat Reflecting with Vapor Barrier



- Heat reflecting side is aluminum film. Perfect for applications involving movement or flexing, such as for bellows construction.
- Protection from intense radiant heat up to 3000°F.
- Reflects more than 95% of the radiant heat that contacts its surface.
- Silicone Rubber side provides excellent vapor barrier and protection from lubricating oils, wash down, contamination, etc.

Additional Technical Data

Tensile Strength: Warp: 200 lbs/inch 35.72 kg/cm
 Fill: 200 lbs/inch 35.72 kg/cm

Tear Strength: Warp: 20 lbs 9.07 kg
 Fill: 20 lbs 9.07 kg

Burst Strength: 450 psi / 31.5 kg/cm²

Flame Resistance: Char length 1" max
 Afterglow 20 seconds max
 Flame Out 10 seconds max

Dual-Coat™ Radiant Heat Reflective Protection Fabric				
Aluminum Film One Side / Silicone Rubber One Side				
Part Number	Weight oz/yd² / g/m²	Thickness in / mm	Roll width in / mm	Price per Linear Yard
F-FG-ALM-SR-1750-17	17 / 578	.017 / .432	50 / 1270	\$ 86.33

- Full rolls are 50 yards / 150 feet / 45.7 metres long
- This Product is Available By-The-Yard
- Discounts for full roll purchases
- Available as a tape - custom slitting to any width is available

Aluminum Film Coated Aramid Fabric / Cloth 750°F / 399°C: AraMax™ Poly-Layered High Temperature & Radiant Heat Reflecting



- Radiant heat reflecting fabrics based on a poly-layered aluminum film structure laminated to aramid base substrates. Excellent long-term flexibility.
- Protection from intense radiant heat up to 3000°F.
- Reflects more than 95% of the radiant heat that contacts its surface.
- Spun and Core Spun Aramid base materials.
- 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 is a concern.
- Suitable for work wear fabrication.

Poly-layered AraMax™ fabric offers protection when radiant heat from infrared sources such as super-hot metal slabs, proximity to liquid metal, open flame/plasma or engine exhaust manifolds is a concern. Constructed from a high-temperature aramid fiber base fabric which is then coated with heat reflective poly-layered aluminum film. The base fabric is rated to 750°F / 399°C while the radiant capability if the fabric is 3000°F.

AraMax™ Poly-Layered Aluminized Film on Aramid Fabric Radiant Heat Reflective Protection				
Part Number	Weight oz/yd² / g/sq m	Thickness in / mm	Roll width in / mm	Price Linear Yard
F-AK-ALM-2360-10 (twill 50x44 spun)	10 / 340	.023 / 0.60	60 / 1524	\$ 144.70
F-AK-ALM-5740-19 (plain x core spun)	19 / 645	.057 / 1.45	40 / 1016	\$ 77.22
F-AK-ALM-6340-24 (plain 21x12 core spun)	24 / 746	.063 / 1.63	40 / 1016	\$ 89.66

- **Full rolls are 50 yards / 150 feet / 45.7 metres long**
- **This Product is also available By-The-Yard**
- **Discounts apply at 10 yards and full roll purchases**

Aluminum Foil Coated High Temperature & Radiant Heat Reflective Fabric / Cloth: MIL Spec & Standard
300°F / 149°C DeltaGlass™ Continuous Standard Grade and 500°F / 260°C Continuous (600°F / 315°C Intermittent) High Temperature Grade



- Base material is partially heat treated to remove organics, set the weave dimensionally and reduce fray and loose fibers.
- Meets USCG 164.009 due to low adhesive content.
- Protection from radiant heat. One side is coated with a 1 mil (.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.

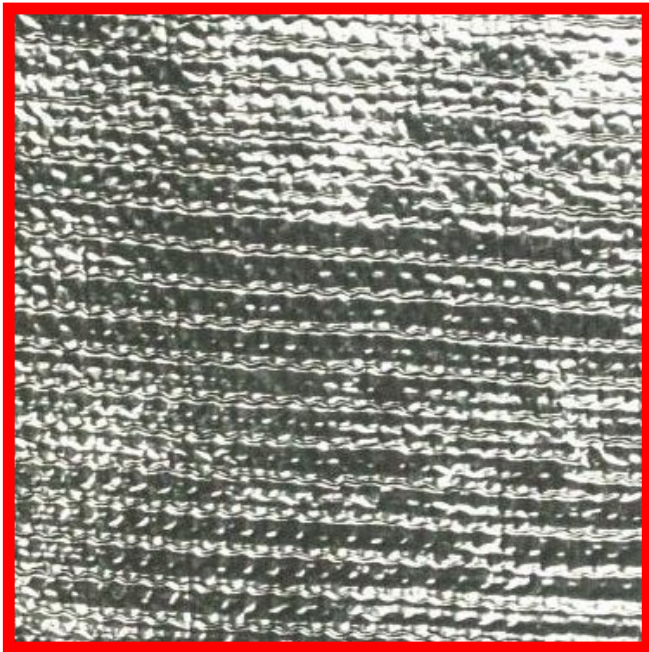
Meets MIL-C-20079G Type 1 Class 10
Meets MIL-I-24244B / USCG 164.009 / NRC Guide 1.36

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 higher temperatures. The base fabric has a rating of 1000°F continuous and higher short term exposure. **For applications not requiring the MIL spec material, our most popular Standard grade aluminized fabric is highlighted in yellow in the table below.**

DeltaGlass™ Mil Spec Aluminized Radiant Heat Reflective Protection Fabric				
Part Number	Weight oz/yd²	Thickness in inches	Roll width in inches	Price per Linear Yard
DeltaGlass Aluminum Foil Coated Fiberglass MIL Spec 500°F / 260°C				
F-FG-AL-MIL-HT-2660-20	19.5	.026	60	\$ 57.64
DeltaGlass Aluminum Foil Coated Fiberglass Standard Grade: 1 yard minimum				
F-FG-AL-RHR-3060-21	21	.030	60	\$ 47.07
F-FG-AL-RHR-6040-35	35	.060	40	\$ 35.88
F-FG-AL-RHRHD-7560-42*	42	.075	60	\$ 66.71

- Full rolls are 50 yards / 150 feet / 45.7 metres long. Minimum purchase for MIL spec is 15 yards.
- * HD fabric has 3mil thick aluminum foil: our heaviest heat reflective fabric
- PSA adhesive on the back side is available by special order

Aluminized PET Film Coated Fiberglass Fabric / Cloth 1000°F / 537°C: AluMax™ Poly-Layered High Temperature & Radiant Heat Reflecting



- Comprehensive line of radiant heat reflecting fabrics based on a poly-layered alu structure laminated to fiberglass base substrates. Excellent long-term flexibility.
- Protection from intense radiant heat up to 3000°F.
- Reflects more than 95% of the radiant heat that contacts its surface.
- 3 filament and 3 texturized base materials.
- 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 is a concern.
- Suitable for workwear fabrication with or without liner materials.

Poly-layered AluMax™ fabric offers protection when radiant heat from infrared sources such as super-hot metal slabs, proximity to liquid metal, open flame/plasma or engine exhaust manifolds is a concern. Constructed from a high-temperature base fabric which is then coated with heat reflective poly-layered aluminum. The base fabric is rated to 1000°F while the radiant capability of the fabric is 3000°F.

AluMax™ Poly-Layered Aluminized Film Radiant Heat Reflective Protection Fabric				
Part Number	Weight oz/yd²	Thickness in inches	Roll width in inches	Price per Linear Yard
Filament Fiberglass Base (plain & satin weave)				
F-FG-ALM-0960-8 (plain weave)	8	.009	60	\$ 56.70
F-FG-ALM-0860-11 (satin weave)	11	.008	60	\$ 61.96
F-FG-ALM-1760-15 (satin weave)	15	.017	60	\$ 62.30
Texturized Fiberglass Base (plain weave)				
F-FG-ALM-2560-12.5 (plain weave)	12.5	.025	60	\$ 49.40
F-FG-ALM-4060-22 (plain weave)	22	.040	60	\$ 52.19
F-FG-ALM-6040-26 (plain weave)	26	.060	40	\$ 57.07

- Full rolls are 50 yards / 150 feet / 45.7 metres long
- This Product is Available By-The-Yard Except Where Indicated
- Discounts for full roll purchases
- PSA adhesive coated on the back side is available

Aluminum Film Coated Fabric Cloth for Protective Clothing Fabrication 750°F / 398°C to 1000°F / 537°C: AluMax™ Poly-Layered High Temperature & Radiant Heat Reflecting



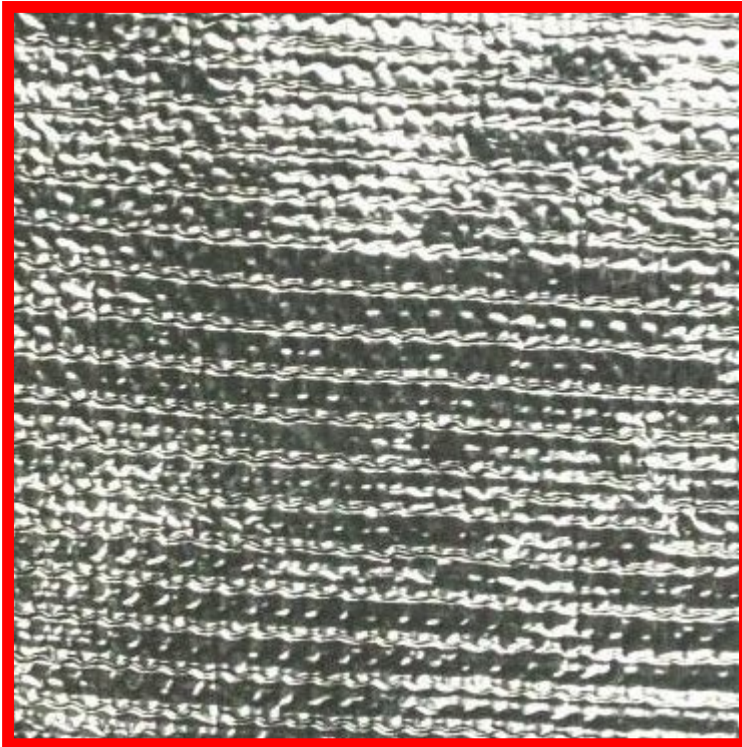
- Comprehensive line of radiant heat reflecting fabrics based on a poly-layered alu structure laminated to aramid, silica, OPAN-Aramid, PBI-Aramid and Carbon fleece base substrates. Excellent long-term flexibility.
- Protection from intense radiant heat up to 3000F.
- Reflects more than 95% of the radiant 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 is a concern.
- Suitable for workwear fabrication.

Poly-layered AluMax™ fabric offers protection when radiant heat from infrared sources such as super-hot metal slabs, proximity to liquid metal, open flame/plasma or engine exhaust manifolds is a concern. Constructed from a high-temperature base fabric which is then coated with heat reflective poly-layered aluminum. The base fabric has various thermal ratings while the radiant reflecting capability of the fabric is 3000°F.

AluMax™ Aluminized Radiant Heat Reflective Protection Fabric					
Part Number (Base Material)	Base Fabric Temp	Weight oz/yd²	Thickness in inches	Roll width in inches	Price per Linear Yard
F-RHR-5260-13-K (Kove-Aramid) **	750°F / 398°C	13	.052	60	\$ Call
F-RHR-2560-11-PBIK (PB-Aramid)	800°F / 426°C	7.5	.022	60	\$ Call
F-RHR-6560-13-C (Pav-Carbon)	600°F / 315°C	13	.065	60	\$ Call
F-RHR-3960-11-C (Carbon Fleece)	750°F / 398°C	11	.039	60	\$ Call
F-RHR-2560-11-CK (OP-Aramid)	800°F / 426°C	11	.025	60	\$ Call
F-RHR-3038-19-S (Silica) *	1800°F / 982°C	19	.030	38	\$ Call

- **** UL rated for PPE Gloves and other apparel. Meets AATCC-22 & AATCC-35**
- **This Product is Available By-The-Yard Except Where Indicated**
- **Discounts for full roll purchases**
- *** Full 50 yard Rolls Only**

Aluminum Flake Impregnated Fiberglass Heat Reflecting Fabric 1000°F / 537°C: AluFlake™ High Temperature & Radiant Heat Reflecting



- Radiant heat reflecting fabrics based on an aluminum flake impregnation. Does not crack like aluminum foil coated fabrics and has a higher continuous exposure temperature than aluminum film coated fabrics.
- Protection from intense radiant heat up to 3000°F.
- 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 is a concern.

AluFlake™ Aluminum Impregnated Fiberglass Fabric Radiant Heat Reflective Protection

Part Number	Weight oz/yd ² / g/sq m	Thickness in / mm	Roll width in / mm	Price Linear Yard
F-FG-ALF-1458-12	12 / 340	.014 / 0.60	58 / 1524	\$ 184.68
F-FG-ALF-1258-9	9 / 645	.012 / 1.45	58 / 1016	\$ 103.29
F-FG-ALF-1238-9	9 / 746	.012 / 1.63	38 / 1016	\$ 69.27

- Full rolls are 50 yards / 150 feet / 45.7 metres long
- This Product is also available By-The-Yard
- Discounts apply at 5, 10, 25 and 50 yard purchases

Stainless Steel Coated Fiberglass High Temperature & Radiant Heat Reflective Fabric

1000°F / 537°C: DeltaGlass™



- Protection from intense radiant heat.
- Reflects more than 95% of the radiant heat that contacts its surface.
- A tougher corrosion resistant protection surface than aluminum coated products. Excellent molten splash, weld splatter and grinding spark protection.
- Flexible but much stiffer than aluminum coated fiberglass: sleeves and sleeves with Velcro crease and retain a bent shape when forced into a curve to follow a hose or cable path. Multiple shorter overlapping sections of sleeve reduces the amount of forced bending that may be required.
- 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 is a concern.

The Stainless Steel foil is calendared to the fiberglass substrate with an adhesive. The temperature limit of this laminate composite fabric is due to the limit of the adhesive material.

DeltaGlass™ Stainless Steel Foil Coated Fiberglass Fabric Radiant Heat Reflective Protection				
Part Number	Weight oz/yd ²	Thickness in inches	Roll width in inches	Price per Yard
F-FG-SS-RHR-3036-34	34	.030	36	\$ 142.03

Call for pricing for sleeve, sleeve with Velcro and tape fabricated from this material.

Maximum continuous temperature exposure for this laminate is 500°F / 260°C, with short term higher exposures. Excellent corrosion resistance. Stainless Steel Foil Thickness: 0.002"

Specifications

Weight:	34/oz/yd ² - 1156 g/m ² (+/- 10%)	ASTM-D-3776-96
Thickness:	0.030 +/- .001" - 0.762 mm +/- .025 mm	ASTM-D-1777-96
Tensile Strength:	Warp 250 lbs/in (44.72 kg/cm) Fill 200 lbs/in (35.72 kg/cm)	ASTM-D-5035-95
Tear Strength:	Warp 50 lbs (22.68 kg) Fill 50 lbs/in (22.68 kg)	ASTM-D-5587-96
Burst Strength	850 psi (59.5 kg/cm ²)	ASTM-D-3786-87
Flame Resistance	Char length 1/16 in max (0.159cm max) Afterglow 1 sec max Flame Out 0 sec max	FED 191/5903.2