

**Heat Reflective Aluminum Foil Tape:
with Silicone High Temperature Pressure Sensitive Adhesive (PSA)
Meets A-A-59258 / MIL T-47014 and FAR 25.853(a)**



1000°F / 537°C: Peak with 600°F / 315°C continuous



- Protection from intense radiant heat.
- Reflects more than 95% of the radiant heat that contacts its surface.
- Continuous operation at 600°F / 315°C.
- This tape provides protection for cables and hoses 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.
- Silicone rubber high temperature PSA adhesive.

**Heat Reflective Aluminum Foil Tape (Continued):
with Silicone High Temperature Pressure Sensitive Adhesive (PSA)
Meets A-A-59258 / MIL T-47014 and FAR 25.853(a)
1000°F / 537°C: Peak with 600°F / 315°C**



Aluminum foil coated with silicone rubber high temperature pressure sensitive adhesive.

Designed for long term continuous operation at 600°F / 315°C, this tape will withstand short duration exposure up to 1000°F / 537°C.

The table below shows the most popular sizes - other sizes available.

Aluminum Foil Radiant Heat Reflective Tape with Silicone High Temperature PSA adhesive Meets A-A-59258 / MIL T-47014 and FAR 25.853(a)		
Part Number	Width inch / mm	Price per Roll
T-AL-ST-M019-12-X	0.75 / 19	\$ Call
T-AL-ST-M025-16-X	1.00 / 25	\$ Call
T-AL-ST-M032-20-X	1.25 / 32	\$ Call
T-AL-ST-M038-24-X	1.50 / 38	\$ Call
T-AL-ST-M044-28-X	1.75 / 44	\$ Call
T-AL-ST-M051-32-X	2.00 / 51	\$ Call
T-AL-ST-M064-40-X	2.50 / 64	\$ Call
T-AL-ST-M076-48-X	3.00 / 76	\$ Call
T-AL-ST-M089-56-X	3.50 / 89	\$ Call
T-AL-ST-M102-64-X	4.00 / 102	\$ Call
This tape can be fabricated in any width – please enquire		

Standard roll lengths are 60 yards

**Heat Reflective Aluminum Foil Coated Fiberglass Tape:
Plain or with Pressure Sensitive Adhesive (PSA)
1000°F / 537°C: Peak with 650°F / 343°C continuous**



- Protection from intense radiant heat.
- Reflects more than 95% of the radiant heat that contacts its surface.
- Continuous operation at 650°F / 343°C.
- This tape is the perfect protection for cables and hoses 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.
- Can be supplied with self-adhesive (includes a backing paper).

**Heat Reflective Aluminum Foil Coated Fiberglass Tape (Continued):
Plain or with Pressure Sensitive Adhesive (PSA)
1000°F / 537°C: Peak with 650°F / 343°C continuous**



Constructed from a high-temperature base fabric which is then coated with highly-reflective polished aluminum. Designed for long term continuous operation at 650°F / 343°C, this tape will withstand short duration exposure up to 1200°F / 650°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.

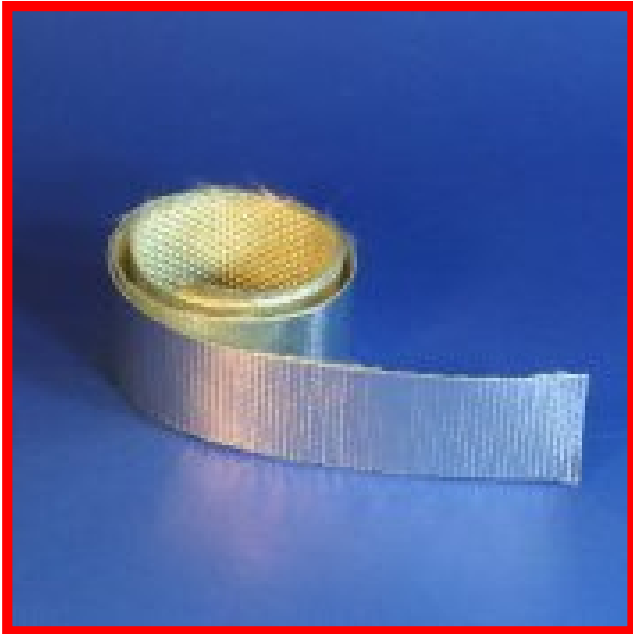
The tape is fabricated by slitting from a roll fabric; the table below shows the most popular sizes - other sizes available. The same base fabric can be used for constructing a wide variety of protective sleeves and covers.

Aluminized (Aluminum Foil Coated) Fiberglass Radiant Heat Reflective Tape Available plain and with PSA adhesive		
Part Number	Width inch / mm	Price per Foot 21oz/yd ² / 35oz/yd ²
T-FG-AL-ST-M019-12-X	0.75 / 19	\$ 2.87 / \$ 3.44
T-FG-AL-ST-M025-16-X	1.00 / 25	\$ 3.55 / \$ 4.26
T-FG-AL-ST-M032-20-X	1.25 / 32	\$ 4.19 / \$ 5.03
T-FG-AL-ST-M038-24-X	1.50 / 38	\$ 4.87 / \$ 5.84
T-FG-AL-ST-M044-28-X	1.75 / 44	\$ 5.55 / \$ 6.67
T-FG-AL-ST-M051-32-X	2.00 / 51	\$ 6.21 / \$ 7.45
T-FG-AL-ST-M064-40-X	2.50 / 64	\$ 7.59 / \$ 9.11
T-FG-AL-ST-M076-48-X	3.00 / 76	\$ 8.91 / \$ 10.70
T-FG-AL-ST-M089-56-X	3.50 / 89	\$ 10.27 / \$ 12.33
T-FG-AL-ST-M102-64-X	4.00 / 102	\$ 11.58 / \$ 13.90
This tape can be fabricated in any width – please enquire		

For the X value: specify "21" for construction from 21 oz/yd² fabric; specify "35" for construction from 35 oz/yd² fabric

Standard roll lengths are 50 and 100 feet - other custom lengths available

Stainless Steel Foil Coated Fiberglass Tape
1000°F / 537°C: High Temperature & Radiant Heat Reflective – Non Adhesive or with Pressure Sensitive Adhesive (PSA)



- Protection from intense radiant heat.
- Reflects more than 95% of the radiant heat that contacts its surface.
- Continuous operation at 650°F / 343°C.
- This tape is the perfect protection for cables and hoses 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.
- Can be supplied with self-adhesive (includes a backing paper).

Constructed from a high-temperature base fabric which is then coated with a layer of stainless steel foil. Designed for long term continuous operation at 650°F / 343°C, this tape will withstand short duration exposure up to 1200°F / 650°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.

The tape is slit from a roll fabric.

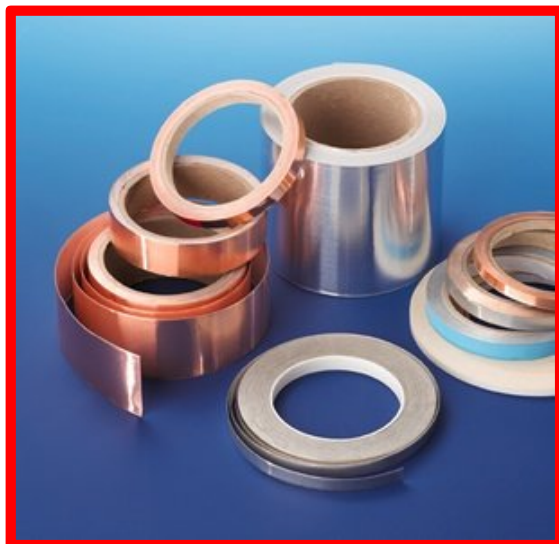
The same base fabric can be used for constructing a wide variety of protective sleeves and covers for wire & cable covers, Festoon covers, robotic welding machine covers, etc.

Stainless Steel Coated Fiberglass Radiant Heat Reflective Tape		
Part Number	Width inch / mm	Price / Foot
T-FG-SS-SLIT	Any Width to 36" maximum	Call

- For the “X” value, specify: “P” for plain tape with no PSA, “PSA” for tape with PSA (call for pricing)

Aluminum Foil Tape with Acrylic Adhesive

1000°F / 537°C: High Temperature & Radiant Heat Reflective: Meets MIL-T-23397B Type II



- Aluminum tape is an excellent reflector of radiant heat. Reflects more than 95% of the radiant heat that contacts its surface.
- Makes an excellent EMI/RFI shielding tape.
- Adheres and conforms to irregular surfaces.
- Provides a waterproofing/vapour and air barrier. Non-permeable.
- Heavy Duty .003" thickness foil with .002" thickness of adhesive.
- Roll length is 60 yards / 180 feet.
- Used as a masking tape for plating and painting applications.
- Aluminum foil melts at 1162°F / 627°C.
- Meets MIL-T-23397B, Type II

FlameShield™ High Temperature Aluminum Foil Tape with Acrylic Adhesive. MIL-T-23397B Type II			
Part Number	Tape Width inch / mm		Price per Roll
T-AL-PSA-M013-08	0.50	13	\$ 26.58
T-AL-PSA-M019-12	0.75	19	\$ 39.85
T-AL-PSA-M025-16	1.00	25	\$ 53.12
T-AL-PSA-M051-32	2.00	51	\$ 106.25

The acrylic adhesive will smoke off at temperatures above 325°F/162°C

This tape is available in any width – please call for other sizes

Aluminized PET Film Coated Fiberglass Tape; with adhesive 1000°F / 537°C: FlameShield™ High Temperature & Radiant Heat Reflective



- Protection from intense radiant heat. Reflects more than 95% of the radiant heat that contacts its surface.
- Base fabric rated for continuous operation at 1000°F / 537°C.
- This tape has a high temperature adhesive across its entire width, allowing the tape to be wrapped and formed into a sleeve around wires, cables or hoses. Can also be applied to other objects and shapes and used flat.
- Provides protection for cables and hoses 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.
- Thickness of .025”.

This high temperature and radiant heat reflective tape is constructed from a high-temperature fine woven fiberglass fabric substrate, which is then coated with highly-reflective aluminized PET film. The base fabric is designed for long term continuous operation at 1000°F / 537°C, this sleeve will withstand short duration exposure up to 1200°F / 650°C. The non aluminized side of the fabric is coated with an acrylic adhesive and release paper.

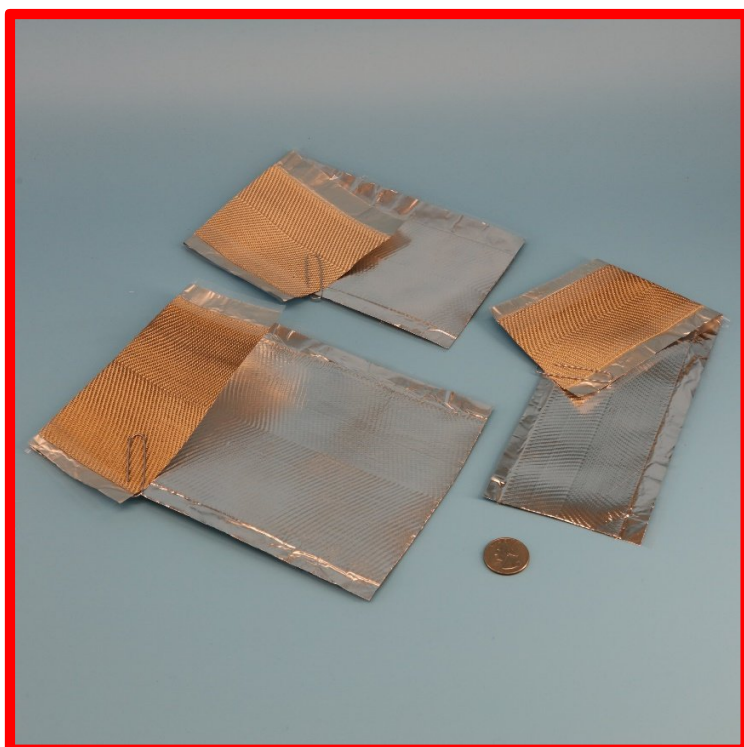
Added protection can be achieved by layering with other sleeve or tape materials underneath the reflective layer.

FlameShield™ Aluminized PET Coated Fiberglass Radiant Heat Reflective Tape with Pressure Sensitive Adhesive			
Part Number	Width inch / mm / dash	Spool Length, feet Bulk / Small	Price per Foot Bulk Spool / Small Spool
T-FG-ALM-PSA-M025-16-X	1.00 / 25 / -16	200 / 100	\$ 2.00 / \$ 2.17
T-FG-ALM-PSA-M038-24-X	1.50 / 38 / -24	200 / 100	\$ 3.10 / \$ 3.26
T-FG-ALM-PSA-M051-32-X	2.00 / 51 / -32	200 / 100	\$ 3.82 / \$ 3.97
T-FG-ALM-PSA-M076-48-X	3.00 / 76 / -48	200 / 100	\$ 5.72 / \$ 5.98
T-FG-ALM-PSA-M102-64-X	4.00 / 102 / -64	200 / 100	\$ 7.57 / \$ 7.74
T-FG-ALM-PSA-M127-80-X	5.00 / 127 / -80	200 / 100	\$ 9.42 / \$ 9.57
T-FG-ALM-PSA-M152-96-X	6.00 / 152 / -96	100 / 50	\$ 11.33 / \$ 11.67
T-FG-ALM-PSA-M178-112-X	6.875 / 175 / -103	100 / 50	\$ 13.20 / \$ 13.53

For the “X” value: use “B” for Bulk Spool size, use “S” for Small Spool size

This Product is Available in Spool Length Only

Sleeve Forming Heat Reflective Tape Aluminized PET Film Coated Fiberglass Tape; with adhesive 1000°F / 537°C: FlameShield™ High Temperature & Radiant Heat Reflective



- Protection from intense radiant heat. Reflects more than 95% of the radiant heat that contacts its surface.
- Base fabric rated for continuous operation at 1000°F / 537°C.
- This tape has a high temperature adhesive on each edge flap, allowing it to be formed as a sleeve around wires, cables and hoses.
- If one of the edge flaps is removed, then the tape can be formed into a freely resting sleeve which is not adhered to whatever it is covering.
- Provides protection for cables and hoses 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.
- Thickness of .025".

This high temperature and radiant heat reflective tape is constructed from a high-temperature fine woven fiberglass fabric substrate, which is then coated with highly-reflective aluminized PET film. The base fabric is designed for long term continuous operation at 1000°F / 537°C, this sleeve will withstand short duration exposure up to 1200°F / 650°C. This tape has an adhesive strip on each side that includes a release film. Added protection can be achieved by layering with other sleeve or tape materials underneath the reflective layer.

FlameShield™ Heat Reflecting Sleeve Forming Tape Aluminized PET Coated Fiberglass with PSA Adhesive

Part Number	Nominal ID inch / mm / dash	Flat Width	Spool Length, feet Bulk / Small	Price per Foot Bulk Spool / Small Spool
T-SFT-FG-ALM-PSA-M013-0.50-X	0.50 / 13 / -08	1 13/16"	250 / 100	\$ 2.18 / \$ 2.30
T-SFT-FG-ALM-PSA-M019-0.75-X	0.75 / 19 / -12	2 1/2"	250 / 100	\$ 2.73 / \$ 2.85
T-SFT-FG-ALM-PSA-M025-1.00-X	1.00 / 25 / -16	3 3/8"	200 / 100	\$ 4.08 / \$ 4.20
T-SFT-FG-ALM-PSA-M032-1.25-X	1.25 / 32 / -20	4 1/4"	200 / 100	\$ 4.46 / \$ 5.06
T-SFT-FG-ALM-PSA-M038-1.50-X	1.50 / 38 / -24	5"	200 / 100	\$ 5.83 / \$ 5.95
T-SFT-FG-ALM-PSA-M038-1.50-X	1.75 / 44 / -28	5 13/16"	100 / 50	\$ 6.95 / \$ 7.20
T-SFT-FG-ALM-PSA-M051-2.00-X	2.00 / 51 / -32	6 11/16"	100 / 50	\$ 7.68 / \$ 7.90
T-SFT-FG-ALM-PSA-M057-2.25-X	2.25 / 57 / -36	7 3/8"	100 / 50	\$ 9.73 / \$ 9.95

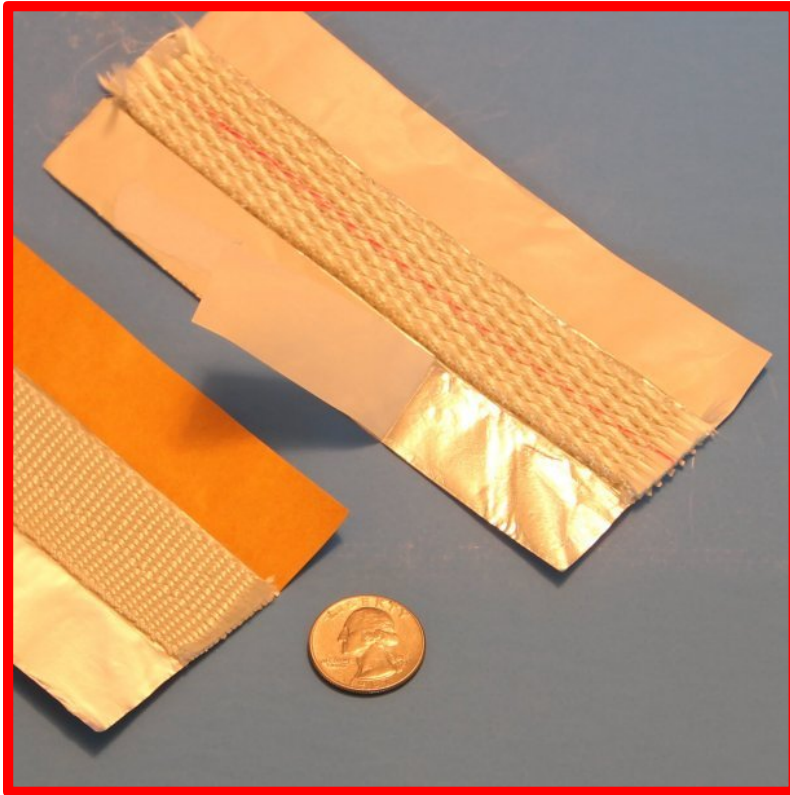
For the "X" value: use "B" for Bulk Spool size, use "S" for Small Spool size

This Product is Available in Spool Length Only

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Weld Backing Tape

1000°F / 537°C: FlameShield™ Easily provides gas tight weld backing purge area and bead consistency



- Typically for welding thin wall stainless steel from one side. Attaches to the backside of the weld area and supports the weld pool, keeps the argon gas surrounding the weld pool.
- Eliminates the need to back-purge.
- Provides a consistent high quality under bead profile.
- The most popular tape is 3" wide with a 1" wide woven DeltaGlass tape strip in the middle.
- Supports single pass welding at currents up to 240 amps without change to the chemistry or metallurgy of the weld.
- Available in Light Duty (80 amp), Medium Duty (160 amp) and Heavy Duty (240 amp) ratings

FlameShield™ Weld Backing Tape					
Part Number	Recommended Amp Max	Center Insulation Thickness	Tape Width	Tape Length, feet	Price
T-FG-AL-WELD-80	80	1/32	3.0"	40	\$ 182.75
T-FG-AL-WELD-160	160	1/16	3.0"	40	\$ 197.57
T-FG-AL-WELD-240	240	1/8	3.0"	40	\$ 217.48