

## 1000°F / 537°C: FlameShield™ Aluminum Coated Fiberglass Heat Reflective Split Sleeve with Adhesive Closure



- Split Sleeve fiberglass
- Aluminum Heat Reflecting Coating
- Adhesive strip closure
- Cuts cleanly
- Protects wiring or hoses from radiant and convective heat.
- Excellent automotive under-hood protection.
- .042" wall thickness. 4 foot lengths.

FlameShield™ Heat Reflective Sleeve with Adhesive Closure				
Part Number	ID Size		# of sections minimum order	Price per 4 foot Section
	inch	mm		
S-FG-AL-ACL-M006-04	1/4"	6	6	\$ 7.33
S-FG-AL-ACL-M010-06	3/8"	10	5	\$ 12.16
S-FG-AL-ACL-M013-08	1/2"	13	4	\$ 15.60
S-FG-AL-ACL-M016-10	5/8"	16	4	\$ 18.53
S-FG-AL-ACL-M019-12	3/4"	19	3	\$ 22.33
S-FG-AL-ACL-M025-16	1"	25	3	\$ 26.30
S-FG-AL-ACL-M032-20	1 1/4"	32	3	\$ 31.43
S-FG-AL-ACL-M038-24	1 1/2"	38	3	\$ 36.40
S-FG-AL-ACL-M051-32	2"	51	2	\$ 48.53

### Not available By-The-Foot

This sleeve is non-expandable – please measure your application carefully.

## 1000°F / 537°C: FlameShield™ Aluminum Foil Coated Heat Reflecting Fiberglass Sleeve High Temperature & Radiant Heat Reflective Sleeve



- 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 sleeve 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 and piping is a concern.
- Wall thickness .025" / .635mm.
- Sleeve is supplied collapsed flat on a spool.

This high temperature and radiant heat reflective sleeve is constructed from a high-temperature fine braid fiberglass sleeve, which is then coated with highly-reflective polished aluminum. 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.

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

FlameShield™ Aluminum Foil Coated Fiberglass Radiant Heat Reflective Sleeve .025" / .635mm Wall Thickness					
Part Number	Inside Diameter inch / mm / dash#	Spool Length, feet		Price per Spool Bulk Spool / Small Spool	Price per Foot
		Bulk / Small			
S-FG-AL-M013-08-X	0.50 / 13 / -08	250 / 100		\$ 407.50 / \$ 179.00	\$ 4.48
S-FG-AL-M016-10-X	0.62 / 16 / -10	250 / 100		\$ 607.50 / \$ 260.00	\$ 6.50
S-FG-AL-M019-12-X	0.75 / 19 / -12	250 / 100		\$ 712.50 / \$ 302.00	\$ 7.55
S-FG-AL-M022-14-X	0.87 / 22 / -14	250 / 100		\$ 822.50 / \$ 346.00	\$ 8.65
S-FG-AL-M025-16-X	1.00 / 25 / -16	250 / 100		\$ 877.50 / \$ 368.00	\$ 9.20
S-FG-AL-M032-20-X	1.25 / 32 / -20	250 / 100		\$ 1097.50 / \$ 456.00	\$ 11.40
S-FG-AL-M038-24-X	1.50 / 38 / -24	250 / 100		\$ 1207.50 / \$ 499.00	\$ 12.48
S-FG-AL-M044-28-X	1.75 / 44 / -28	100 / 50		\$ 637.00 / \$ 335.00	\$ 16.77
S-FG-AL-M051-32-X	2.00 / 51 / -32	100 / 50		\$ 790.00 / \$ 412.00	\$ 20.60
S-FG-AL-M064-40-X	2.50 / 64 / -40	100 / 50		\$ 1123.00 / \$ 578.50	\$ 28.92

For the "X" value:  
 use "B" for Bulk Spool size, use "S" for Small Spool size, use "F" for by-the-foot lengths

This Product is available in bulk spools, shop spools and By-The-Foot

## 1000°F / 537°C: FlameShield™ Aluminum Foil Coated Heat Reflecting Fiberglass Sleeve – Convoluted High Bulk High Temperature & Radiant Heat Reflective Sleeve



- Protection from intense radiant heat. Reflects more than 95% of the radiant heat that contacts its surface.
- Base yarn rated for continuous operation at 1000°F / 537°C. High bulk with highest insulation value of all our heat reflecting sleeves.
- This sleeve 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.
- Wall thickness .045" / 1.14mm. Sleeve is supplied in a 4 foot length.

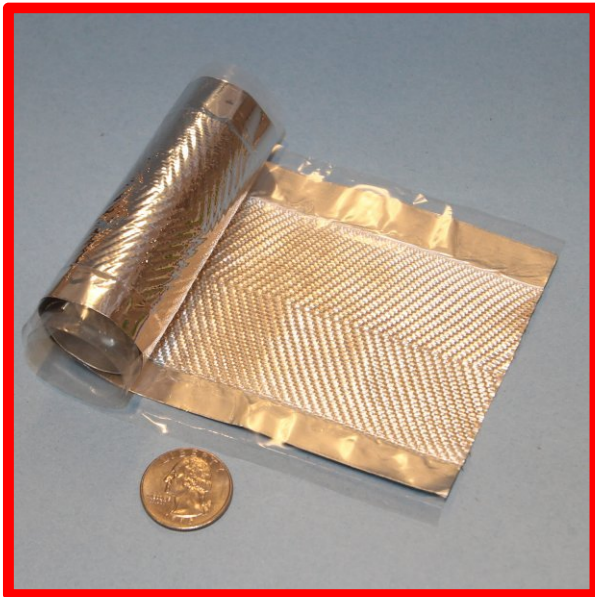
This high temperature and radiant heat reflective sleeve is constructed from a high-temperature fine braid fiberglass sleeve, which is then coated with highly-reflective polished aluminum. The base fabric is designed for long term continuous operation at 1000°F / 537°C, this sleeve will withstand short duration exposure up to 1200°F / 650°C.

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

FlameShield™ Aluminum Foil Coated Fiberglass Radiant Heat Reflective Convoluted Sleeve .045" / 1.14mm Wall Thickness		
Part Number	Inside Diameter inch / mm / dash#	Price per 4 foot Section
S-FG-AL-C-M013-08	0.50 / 13 / -08	\$ 11.50
S-FG-AL-C-M016-10	0.62 / 16 / -10	\$ 14.03
S-FG-AL-C-M019-12	0.75 / 19 / -12	\$ 15.40
S-FG-AL-C-M025-16	1.00 / 25 / -16	\$ 19.17
S-FG-AL-C-M032-20	1.25 / 32 / -20	\$ 23.17

**This Product is only available in 4 foot length sections**

## 1000°F / 537°C: FlameShield™ Aluminum Foil Coated Heat Reflecting Fiberglass Sleeve forming Tape/Wrap; with adhesive strip High Temperature & Radiant Heat Reflective Sleeve



- 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. The adhesive withstands 425°F / 218°C.
- This tape wrap has a high temperature adhesive strip along its length, allowing the tape to be wrapped and formed into a sleeve around wires, cables or hoses, or wrapped spirally down the length.
- 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.
- Wall thickness .025”.

This high temperature and radiant heat reflective tape wrap is constructed from a high-temperature fine woven fiberglass fabric substrate, which is then coated with highly-reflective polished aluminum. 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.

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

FlameShield™ Aluminum Foil Coated Fiberglass Radiant Heat Reflective Tape Wrap for Sleeve Formation				
Part Number	Resulting Sleeve Maximum Inside Diameter inch / mm / dash#	Tape Width	Spool Length, feet Bulk / Small	Price per Foot Bulk Spool / Small Spool
S-FG-AL-TACL-M013-08-X	0.50 / 13 / -08	1.5”	200 / 100	\$ 2.76 / \$ 2.93
S-FG-AL-TACL-M019-12-X	0.75 / 19 / -12	2.25”	200 / 100	\$ 3.47 / \$ 3.63
S-FG-AL-TACL-M025-16-X	1.00 / 25 / -16	3.75”	200 / 100	\$ 5.17 / \$ 5.34
S-FG-AL-TACL-M032-20-X	1.25 / 32 / -20	4.5”	200 / 100	\$ 6.27 / \$ 6.44
S-FG-AL-TACL-M038-24-X	1.50 / 38 / -24	5.25”	200 / 100	\$ 7.38 / \$ 7.55
S-FG-AL-TACL-M044-28-X	1.75 / 44 / -28	6”	100 / 50	\$ 8.83 / \$ 9.17
S-FG-AL-TACL-M051-32-X	2.00 / 51 / -32	6.5”	100 / 50	\$ 9.73 / \$ 10.07
S-FG-AL-TACL-M064-40-X	2.25 / 57 / -36	7.5”	100 / 50	\$ 12.33 / \$ 12.67

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

## 1000°F / 537°C: FlameShield™ Aluminum Foil Coated Fiberglass Radiant Heat Reflective Sewn Sleeve

### High Temperature & Radiant Heat Reflective Sleeve for Low Flex Static Applications



- 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 sleeve provides optimum 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.
- Heat reflecting layer is pure aluminum foil.
- This sleeve is designed for low flex or low movement and static applications.

Constructed from a high-temperature base fabric which is then coated with highly-reflective polished aluminum foil. 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 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 sleeve is fabricated from a roll fabric, and is sewn with a double lock-stitch seam utilizing high-temperature thread. The resulting sleeve has a teardrop or tadpole profile when viewed on-end; the width of the sewn tail is typically 5/8” or 16mm. A sleeve with Velcro closure is available, making the sleeve installable on cables and hoses without having to disconnect them. The Velcro sleeve results in a circular sleeve profile when closed. Added protection can be achieved by layering with other sleeve materials underneath the reflective layer.

FlameShield™ Aluminum Foil Coated Fiberglass Radiant Heat Reflective Sewn Sleeve – Low Flex & Static Applications		
Part Number	Inside Diameter inch / mm / dash#	Price per Foot 21oz/yd <sup>2</sup> / 35oz/yd <sup>2</sup>
S-FG-ALF-SWN-M013-08-X	0.50 / 13 / -08	\$ 5.48 / \$ 6.58
S-FG-ALF-SWN-M019-12-X	0.75 / 19 / -12	\$ 7.17 / \$ 8.60
S-FG-ALF-SWN-M025-16-X	1.00 / 25 / -16	\$ 8.87 / \$10.64
S-FG-ALF-SWN-M032-20-X	1.25 / 32 / -20	\$ 10.48 / \$ 12.57
S-FG-ALF-SWN-M038-24-X	1.50 / 38 / -24	\$ 12.17 / \$ 14.60
S-FG-ALF-SWN-M044-28-X	1.75 / 44 / -28	\$ 13.87 / \$ 16.64
S-FG-ALF-SWN-M051-32-X	2.00 / 51 / -32	\$ 15.53 / \$ 18.63
S-FG-ALF-SWN-M064-40-X	2.50 / 64 / -40	\$ 18.97 / \$ 22.76
S-FG-ALF-SWN-M076-48-X	3.00 / 76 / -48	\$ 22.29 / \$ 26.75
S-FG-ALF-SWN-M089-56-X	3.50 / 89 / -56	\$ 25.68 / \$ 30.82
S-FG-ALF-SWN-M102-64-X	4.00 / 102 / -64	\$ 28.97 / \$ 34.76
Other sizes available – please enquire		

For the X value: specify “21” for construction from 21 oz/yd<sup>2</sup> fabric; specify “35” for construction from 35 oz/yd<sup>2</sup> fabric

Note: The aluminum adhesion on the 35oz fabric is not as high as on the 21oz fabric, and some perforation separation of the aluminum will occur due to folding or flexing of the material.

**This Product is Available By-The-Foot**

## 1000°F / 537°C: FlameShield™ Aluminum Film Coated Fiberglass Radiant Heat Reflective Sewn Sleeve High Temperature & Radiant Heat Reflective Sleeve for High Flex Applications



- 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 sleeve provides optimum 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.
- Heat reflecting layer is dual side aluminized film.
- This sleeve is designed for high flex or high movement applications.
- Highly popular for engine under-hood wiring & hose/tube protection

Constructed from a high-temperature base fabric which is then coated with dual side aluminized 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 aluminum film coating melts at 375°F.

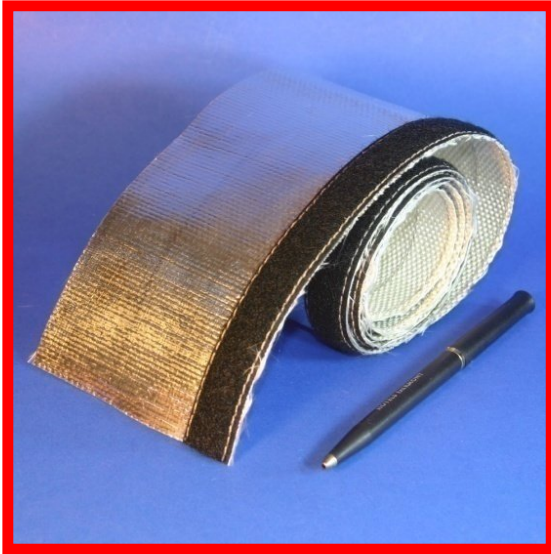
The sleeve is fabricated from a roll fabric, and is sewn with a double lock-stitch seam utilizing high-temperature thread. The resulting sleeve has a teardrop or tadpole profile when viewed on-end; the width of the sewn tail is typically 5/8" or 16mm. A sleeve with Velcro closure is available, making the sleeve installable on cables and hoses without having to disconnect them. The Velcro sleeve results in a circular sleeve profile when closed. Added protection can be achieved by layering with other sleeve materials underneath the reflective layer.

FlameShield™ Aluminum Film Coated Fiberglass Radiant Heat Reflective Sewn Sleeve – High Flex Applications		
Part Number	Inside Diameter inch / mm / dash#	Price per Foot 8oz/yd <sup>2</sup> / 11oz/yd <sup>2</sup>
S-FG-ALM-SWN-M013-08-X	0.50 / 13 / -08	\$ 5.48 / \$ 6.58
S-FG-ALM-SWN-M019-12-X	0.75 / 19 / -12	\$ 7.17 / \$ 8.60
S-FG-ALM-SWN-M025-16-X	1.00 / 25 / -16	\$ 8.87 / \$10.64
S-FG-ALM-SWN-M032-20-X	1.25 / 32 / -20	\$ 10.48 / \$ 12.57
S-FG-ALM-SWN-M038-24-X	1.50 / 38 / -24	\$ 12.17 / \$ 14.60
S-FG-ALM-SWN-M044-28-X	1.75 / 44 / -28	\$ 13.87 / \$ 16.64
S-FG-ALM-SWN-M051-32-X	2.00 / 51 / -32	\$ 15.53 / \$ 18.63
S-FG-ALM-SWN-M064-40-X	2.50 / 64 / -40	\$ 18.97 / \$ 22.76
S-FG-ALM-SWN-M076-48-X	3.00 / 76 / -48	\$ 22.29 / \$ 26.75
S-FG-ALM-SWN-M089-56-X	3.50 / 89 / -56	\$ 25.68 / \$ 30.82
S-FG-ALM-SWN-M102-64-X	4.00 / 102 / -64	\$ 28.97 / \$ 34.76
Other sizes available – please enquire		

For the X value: specify "8" for construction from 8 oz/yd<sup>2</sup> fabric; specify "11" for construction from 11 oz/yd<sup>2</sup> fabric

**This Product is Available By-The-Foot**

## 1000°F / 537°C: Heat Reflective Sleeve with Velcro Closure Aluminum Foil Coated Fiberglass High Temperature & Radiant Heat Reflective For Low Flex and Static Applications



- Protection from intense radiant heat.
- Reflects more than 95% of the radiant heat that contacts its surface.
- Base fabric is rated for continuous operation at 1000°F / 537°C.
- This sleeve 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.
- Velcro closure allows the sleeve to be installed and removed from wire, cable, hose and pipe without disconnection.
- Designed for low flex and static applications.

Constructed from a high-temperature base fabric which is then laminated coated with highly-reflective polished aluminum. Designed for long term continuous operation at 650°F / 343°C, this sleeve 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 sleeve is fabricated from a roll fabric, and is then sewn with Velcro tape, allowing this sleeve to be installed and removed with disconnection of wiring, cables, hose and pipe. Sewing is performed with high temperature thread. The Velcro sleeve results in a circular sleeve profile when closed. Added protection can be achieved by layering with other sleeve materials underneath the reflective layer.

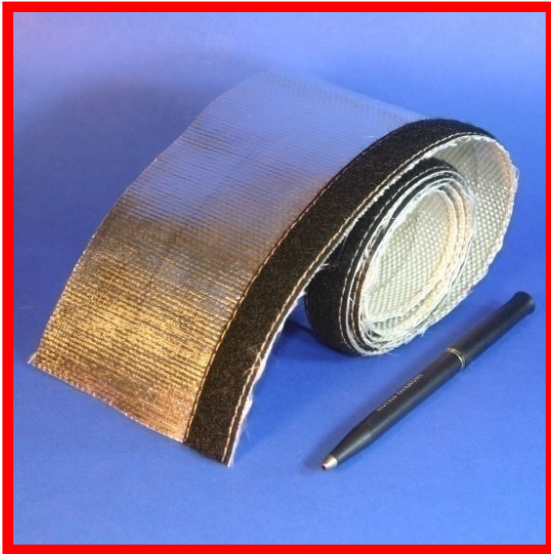
The same base fabric can be used for constructing a wide variety of protective sleeves and covers.

Aluminum Foil Coated Fiberglass Radiant Heat Protection Sleeve with Velcro		
Part Number	Inside Diameter inch / mm / dash#	Price / Foot 21oz/yd <sup>2</sup> / 35oz/yd <sup>2</sup>
S-FG-ALF-VCL-M019-12-X	0.75 / 19 / -12	\$ 11.17 / \$ 13.40
S-FG-ALF-VCL-M025-16-X	1.00 / 25 / -16	\$ 12.87 / \$ 15.44
S-FG-ALF-VCL-M032-20-X	1.25 / 32 / -20	\$ 14.48 / \$ 17.37
S-FG-ALF-VCL-M038-24-X	1.50 / 38 / -24	\$ 16.17 / \$ 19.40
S-FG-ALF-VCL-M044-28-X	1.75 / 44 / -28	\$ 17.87 / \$ 21.44
S-FG-ALF-VCL-M051-32-X	2.00 / 51 / -32	\$ 19.53 / \$ 23.44
S-FG-ALF-VCL-M064-40-X	2.50 / 64 / -40	\$ 22.97 / \$ 27.56
S-FG-ALF-VCL-M076-48-X	3.00 / 76 / -48	\$ 26.29 / \$ 31.55
S-FG-ALF-VCL-M089-56-X	3.50 / 89 / -56	\$ 29.68 / \$ 35.62
S-FG-ALF-VCL-M102-64-X	4.00 / 102 / -64	\$ 32.97 / \$ 39.56
Other sizes available – please enquire		

For the X value: specify “21” for construction from 21 oz/yd<sup>2</sup> fabric; specify “35” for construction from 35 oz/yd<sup>2</sup> fabric

**This Product is Available By-The-Foot**

**1000°F / 537°C: Heat Reflective Sleeve with Velcro Closure**  
**Aluminum Film Coated Fiberglass High Temperature & Radiant Heat Reflective**  
**For High Flex and High Movement Applications**



- Protection from intense radiant heat.
- Reflects more than 95% of the radiant heat that contacts its surface.
- Base fabric is rated for continuous operation at 1000°F / 537°C.
- This sleeve 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.
- Velcro closure allows the sleeve to be installed and removed from wire, cable, hose and pipe without disconnection.
- Designed for high flex and movement applications.

Constructed from a high-temperature base fabric which is then laminated coated with dual side aluminized film. Designed for long term continuous operation at 650°F / 343°C, this sleeve will withstand short duration exposure up to 1200°F / 650°C. The aluminum film coating melts at 375°F.

The sleeve is fabricated from a roll fabric, and is then sewn with Velcro tape, allowing this sleeve to be installed and removed with disconnection of wiring, cables, hose and pipe. Sewing is performed with high temperature thread. The Velcro sleeve results in a circular sleeve profile when closed. Added protection can be achieved by layering with other sleeve materials underneath the reflective layer.

The same base fabric can be used for constructing a wide variety of protective sleeves and covers.

<b>Aluminum Film Coated Fiberglass Radiant Heat Protection Sleeve with Velcro</b>		
<b>Part Number</b>	<b>Inside Diameter inch / mm / dash#</b>	<b>Price / Foot 8 oz/yd<sup>2</sup> / 11 oz/yd<sup>2</sup></b>
S-FG-ALM-VCL-M019-12-X	0.75 / 19 / -12	\$ 11.17 / \$ 13.40
S-FG-ALM-VCL-M025-16-X	1.00 / 25 / -16	\$ 12.87 / \$ 15.44
S-FG-ALM-VCL-M032-20-X	1.25 / 32 / -20	\$ 14.48 / \$ 17.37
S-FG-ALM-VCL-M038-24-X	1.50 / 38 / -24	\$ 16.17 / \$ 19.40
S-FG-ALM-VCL-M044-28-X	1.75 / 44 / -28	\$ 17.87 / \$ 21.44
S-FG-ALM-VCL-M051-32-X	2.00 / 51 / -32	\$ 19.53 / \$ 23.44
S-FG-ALM-VCL-M064-40-X	2.50 / 64 / -40	\$ 22.97 / \$ 27.56
S-FG-ALM-VCL-M076-48-X	3.00 / 76 / -48	\$ 26.29 / \$ 31.55
S-FG-ALM-VCL-M089-56-X	3.50 / 89 / -56	\$ 29.68 / \$ 35.62
S-FG-ALM-VCL-M102-64-X	4.00 / 102 / -64	\$ 32.97 / \$ 39.56
Other sizes available – please enquire		

For the X value: specify "8" for construction from 8 oz/yd<sup>2</sup> fabric; specify "11" for construction from 11 oz/yd<sup>2</sup> fabric

**This Product is Available By-The-Foot**