

Aluminized PET Film Coated Fiberglass Radiant Heat Reflective Sewn Sleeve

1200°F / 648°C DeltaGlass™ Base Material - 454°F / 240°C Film Coating

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 1200°F / 648°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 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 aluminum film coating melts at 375°F.

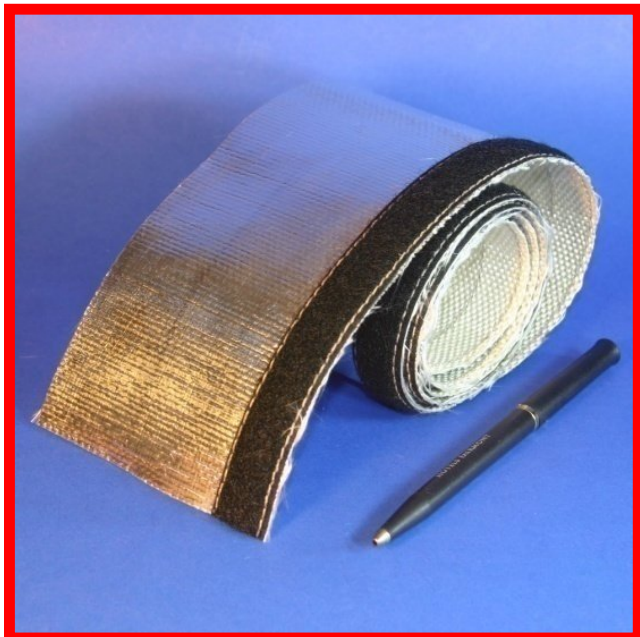
The sleeve is fabricated from a roll fabric, and is sewn with a double lock-stitch seam utilizing high-temperature thread. The resulting sleeve has a teardrop or tadpole profile when viewed on-end; the width of the sewn tail is typically 5/8" or 16mm. A sleeve with Velcro closure is available, making 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™ Aluminized PET Film Coated Fiberglass Radiant Heat Reflective Sewn Sleeve – High Flex Applications		
Part Number	Inside Diameter inch / mm / dash#	Price per Foot 20oz/yd² base fabric
S-FG-ALM-SWN-M013-08	0.50 / 13 / -08	£ 6.58
S-FG-ALM-SWN-M019-12	0.75 / 19 / -12	£ 8.60
S-FG-ALM-SWN-M025-16	1.00 / 25 / -16	£10.64
S-FG-ALM-SWN-M032-20	1.25 / 32 / -20	£ 12.57
S-FG-ALM-SWN-M038-24	1.50 / 38 / -24	£ 14.60
S-FG-ALM-SWN-M044-28	1.75 / 44 / -28	£ 16.64
S-FG-ALM-SWN-M051-32	2.00 / 51 / -32	£ 18.63
S-FG-ALM-SWN-M064-40	2.50 / 64 / -40	£ 22.76
S-FG-ALM-SWN-M076-48	3.00 / 76 / -48	£ 26.75
S-FG-ALM-SWN-M089-56	3.50 / 89 / -56	£ 30.82
S-FG-ALM-SWN-M102-64	4.00 / 102 / -64	£ 34.76
Other sizes available – please enquire		

This Product is Available By-The-Foot

Aluminum Foil Coated Fiberglass Heat Reflective Sleeve with VELCRO® Brand Hook & Loop Closure

1200°F / 648°C: 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 1200°F / 648°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® Brand hook & loop 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 fiberglass fabric which is then laminated with highly heat reflective polished aluminum foil. 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® Brand hook and loop, allowing this sleeve to be installed and removed without disconnection of wiring, cables, hose and pipe. Sewing is performed with high temperature thread. 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® Brand Hook & Loop		
Part Number	Inside Diameter inch / mm / dash#	Price / Foot 21oz/yd ² / 35oz/yd ² base fabric
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/yd² fabric; specify “35” for construction from 35 oz/yd² fabric

This Product is Available By-The-Foot