

1000°F / 537°C: FlameShield™ Aluminum Foil Coated Fiberglass Radiant Heat Reflective Sewn 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 is a concern.

Constructed from a high-temperature base fabric 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. 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 Kevlar 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		
Part Number	Inside Diameter inch / mm / dash#	Price per Foot 21oz/yd ² / 35oz/yd ²
S-FG-AL-SS-M013-08-X	0.50 / 13 / -08	\$ 5.48 / \$ 6.58
S-FG-AL-SS-M019-12-X	0.75 / 19 / -12	\$ 7.17 / \$ 8.60
S-FG-AL-SS-M025-16-X	1.00 / 25 / -16	\$ 8.87 / \$10.64
S-FG-AL-SS-M032-20-X	1.25 / 32 / -20	\$ 10.48 / \$ 12.57
S-FG-AL-SS-M038-24-X	1.50 / 38 / -24	\$ 12.17 / \$ 14.60
S-FG-AL-SS-M044-28-X	1.75 / 44 / -28	\$ 13.87 / \$ 16.64
S-FG-AL-SS-M051-32-X	2.00 / 51 / -32	\$ 15.53 / \$ 18.63
S-FG-AL-SS-M064-40-X	2.50 / 64 / -40	\$ 18.97 / \$ 22.76
S-FG-AL-SS-M076-48-X	3.00 / 76 / -48	\$ 22.29 / \$ 26.75
S-FG-AL-SS-M089-56-X	3.50 / 89 / -56	\$ 25.68 / \$ 30.82
S-FG-AL-SS-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/yd² fabric; specify “35” for construction from 35 oz/yd² 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