

Heat Reflective Aluminized PET Coated Fiberglass Sleeve with VELCRO® Brand Hook & Loop Closure

350°F / 176°C Maximum exposure
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 fiberglass fabric which is then laminated with dual side aluminized PET film. The temperature limited component of this fabrication is the hook/loop closure at 350°F / 176°C; the aluminized PET film coating will survive exposure to 454°F / 240°C, this sleeve will withstand short duration exposure up to 1000°F / 537°C.

The sleeve is fabricated from a roll fabric, and is then sewn with hook & loop tape, allowing this sleeve to be installed and removed without disconnection of wiring, cables, hose and pipe. Sewing is performed with high temperature thread. The hook and loop 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 Film Coated Fiberglass Radiant Heat Protection Sleeve with VELCRO® Brand Hook & Loop	
Part Number	Inside Diameter inch / mm / dash#
S-FG-ALM-VCL-0.750-M019-12	0.75 / 19 / -12
S-FG-ALM-VCL-1.000-M025-16	1.00 / 25 / -16
S-FG-ALM-VCL-1.250-M032-20	1.25 / 32 / -20
S-FG-ALM-VCL-1.500-M038-24	1.50 / 38 / -24
S-FG-ALM-VCL-1.750-M044-28	1.75 / 44 / -28
S-FG-ALM-VCL-2.000-M051-32	2.00 / 51 / -32
S-FG-ALM-VCL-2.500-M064-40	2.50 / 64 / -40
S-FG-ALM-VCL-3.000-M076-48	3.00 / 76 / -48
S-FG-ALM-VCL-3.500-M089-56	3.50 / 89 / -56
S-FG-ALM-VCL-4.000-M102-64	4.00 / 102 / -64
Other sizes available – please enquire	

This Product is Available By-The-Foot

Heat Reflective Aluminized PET Coated Fiberglass Sleeve with Zipper Closure

454°F / 240°C Maximum exposure

High Temperature & Radiant Heat Reflective For High Flex and Movement Applications



- Protection from intense radiant heat.
- Reflects more than 95% of the radiant heat that contacts its surface.
- Base fabric is 20oz/yd² and 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.
- Zipper closure allows the sleeve to be installed and removed from wire, cable, hose and pipe without disconnection.
- Designed for high flex and movement applications.
- Zippers maximum length is 150 feet. Shorter lengths for lower volume orders.

Constructed from a high-temperature base fiberglass fabric which is then laminated with dual side aluminized PET film. Designed for long term continuous operation at 454°F / 240°C, this sleeve will withstand short duration exposure up to 1200°F / 648°C. The aluminum film coating melts at 460°F.

Sleeve may be installed and removed without disconnection of wiring, cables, hose and pipe. Sewing is performed with high temperature thread. The zipper tape is nomex and the zipper teeth and guides are brass. Added protection can be achieved by layering with other sleeve materials underneath the reflective layer.

Aluminum Film Coated Fiberglass Radiant Heat Protection Sleeve with Zipper Closure	
Part Number	Inside Diameter inch / mm / dash#
S-FG-ALM-ZC-M019-12	0.75 / 19 / -12
S-FG-ALM-ZC-M025-16	1.00 / 25 / -16
S-FG-ALM-ZC-M032-20	1.25 / 32 / -20
S-FG-ALM-ZC-M038-24	1.50 / 38 / -24
S-FG-ALM-ZC-M044-28	1.75 / 44 / -28
S-FG-ALM-ZC-M051-32	2.00 / 51 / -32
S-FG-ALM-ZC-M064-40	2.50 / 64 / -40
S-FG-ALM-ZC-M076-48	3.00 / 76 / -48
S-FG-ALM-ZC-M089-56	3.50 / 89 / -56
S-FG-ALM-ZC-M102-64	4.00 / 102 / -64
Other sizes available – please enquire	

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