

PJA Firesleeve

Thicker, denser inner glass fiber than our Industrial grade Pyrojacket® Firesleeve gives higher insulation values, increased strength and enhanced abrasion resistance.

Sheds splash immediately

Aerostyle Pyrojacket® firesleeve withstands repeated exposures to molten steel, molten aluminum and molten glass up to 3000°F (1650°C). The heavy coating of our proprietary firesleeve iron oxide red silicone rubber compound sheds molten metal splash immediately, so very little heat transfer occurs.

Withstands intense radiant heat and flame

Aerostyle Pyrojacket® firesleeve will withstand continuous exposure to 500° F (260°C); up to 2000°F (1090°C) for 15-20 minutes; and up to 3000°F (1650°C) for 15-30 seconds.

When exposed to flames, the silicone rubber transforms into a crust, creating a protective SiO₂ refractory layer.

Aerostyle Pyrojacket® firesleeve is constructed from high bulk glass fiber braided sleeve. Excellent modulus of elasticity makes it an ideal choice for bundling hoses, tubes and cables in a variety of hostile environments.

Custom colours available by special order.

Case study: [Coke battery application in Germany](#)

Guard against fraying and absorption

Newly developed Odourless End Dip™ is designed to coat Pyrojacket® and Pyroblanket™ at the ends. This special formulation of liquid silicone rubber prevents fraying and the absorption of flammable oils or other contaminants into exposed glass fibers. Read more about [Odourless End Dip™](#)

Aerostyle Pyrojacket® FireSleeve	
Continuous operating temp:	650°F (343°C)
Max short term exposure:	1000°F (538°C)
Molten splash resistance:	Outstanding
Flame resistance:	Good
Abrasion resistance:	Very good
Durability:	Outstanding
Flexibility:	Outstanding
Water and oil resistance:	Outstanding

Aerostyle Pyrojacket® FireSleeve

Inside Diameter	Part No.
1/4" (6mm)	PJA-04
5/16 (8mm)	PJA-05
3/8 (10mm)	PJA-06
7/16 (11mm)	PJA-07
1/2 (13mm)	PJA-08
5/8 (16mm)	PJA-10
3/4 (19mm)	PJA-12
7/8 (22mm)	PJA-14
1 (25mm)	PJA-16
1 1/8 (29mm)	PJA-18
1 1/4 (32mm)	PJA-20
1 3/8 (35mm)	PJA-22
1 1/2 (38mm)	PJA-24
1 5/8 (41mm)	PJA-26
1 3/4 (44mm)	PJA-28
1 7/8	PJA-30
2 (51mm)	PJA-32
2 1/4 (57mm)	PJA-36
2 1/2 (64mm)	PJA-40
2 3/4 (70mm)	PJA-44
3 (76mm)	PJA-48
3 1/4 (83mm)	PJA-52
3 1/2 (89mm)	PJA-56
3 3/4 (95mm)	PJA-60
4 (102mm)	PJA-64
4 1/2 (114mm)	PJA-72
5 (127mm)	PJA-80

Sizes from 5" to 11-1/2" (127mm to 292mm) are custom fabricated to your specifications.