



ATLANTEX
MANUFACTURING CORPORATION

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WORKING TEMPERATURE

CONTINUOUS: 500°F / 260°C

SHORT TERM: 2200°F / 1200°C

ACCREDITATIONS

- SAE AS1072 Compliant
- UL 1441 Recognized Component
- VW-1 Flame Rated
- REACH & RoHS Compliant

MATERIAL COMPOSITION

- Highly texturized E-Glass fiber
- Densely braided insulating substrate
- High-temperature Silicone polymer
- Various colored coatings available

AVAILABILITY

- Firesleeve is supplied in 50ft. Coils and 100ft. boxes standard
- Stock product, allowing for a fast turnaround time
- Bulk lengths available for scrap minimization
- Available in diameters from 1/4" (6mm) to 6" (152mm)
- Available in standard RIO, other colors are available upon request



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PYROTEX FIRESLEEVE AEROSPACE-GRADE BRAID



- Self-extinguishing thick-walled insulating sleeve for excellent thermal protection
- Sheds molten metal splash and resists direct flame impingement
- Lightweight and highly flexible composite protective sleeve- exceptional elasticity
- Will not melt, burn, or support combustion- does not emit toxic smoke
- Resistant to hydraulic fluids, fuels, lubricating oil, and water
- Extends service life of assemblies and provides personnel protection

Product Description

Pyrotex Aerospace-grade braided Firesleeve has been designed to provide superior levels of thermal protection to critical systems which are threatened by high heat, direct flame, and molten splash. Atlantex manufactures Aerospace-grade Pyrotex Firesleeve from the ground-up, using only the highest-quality materials available on the market today. From the braided fiberglass substrate to the custom-compounded silicone polymer, Atlantex directly manufactures each component that makes up our firesleeve to give Pyrotex unmatched product quality and consistency.

Atlantex's Pyrotex Aerospace-grade braided Firesleeve is manufactured with a braided fiberglass substrate, offering 100% system coverage, which has been coated with a thick layer of our specially-developed, self-extinguishing silicone polymer.

This lightweight and flexible protective sleeve protects hoses, wires, cables, pipes, and other critical system components from premature wear, thermal degradation, and damage from environmental and process hazards. Pyrotex Aerospace-grade braided Firesleeve provides efficient thermal insulation, ideal for reducing energy expenditures due to heat loss, and protecting nearby components from heat transfer.

Pyrotex Aerospace-grade Firesleeve can be manufactured in a variety of colors- ideal for identifying lines, drawing attention to hazards, or providing a particular look to finished assemblies.



THERMAL CONDUCTIVITY

- ASTM D 1518
- k-Value = 0.03 W/(m·K)
- R-Value = 0.09 (m²·K/W)

VOLTAGE RATING:

- Per UL 1441 = 600 V
- Grade A Electrical Sleeving

UL 1441 TESTING:

- Dielectric Breakdown
- Oil Resistance
- Cold Bend
- Volume Resistivity
- Hydrolytic Stability
- Horizontal Flame
- VW-1 Flame

OIL RESISTANT:

- 175°F / 80°C

SAE AS1072E

COMPLIANT:

- For use in AS1055 Assemblies

INDUSTRIES SERVING:

- Automotive
- Defense
- Equipment
- Foundry
- Industrial
- MRO



AEROSPACE- GRADE BRAID FIRESLEEVE PART NUMBERS

NOMINAL ID		AEROSPACE-GRADE BRAID
1/4"	6mm	PT04200-##
5/16"	8mm	PT05200-##
3/8"	10mm	PT06200-##
7/16"	11mm	PT07200-##
1/2"	13mm	PT08200-##
9/16"	14mm	PT09200-##
5/8"	16mm	PT10200-##
11/16"	17mm	PT11200-##
3/4"	19mm	PT12200-##
7/8"	22mm	PT14200-##
1"	25mm	PT16200-##
1-1/8"	29mm	PT18200-##
1-1/4"	32mm	PT20200-##
1-3/8"	35mm	PT22200-##
1-1/2"	38mm	PT24200-##
1-5/8"	41mm	PT26200-##
1-3/4"	44mm	PT28200-##
1-7/8"	48mm	PT30200-##
2"	51mm	PT32200-##
2-1/8"	54mm	PT34200-##
2-1/4"	57mm	PT36200-##
2-3/8"	60mm	PT38200-##
2-1/2"	64mm	PT40200-##
2-5/8"	67mm	PT42200-##
2-3/4"	70mm	PT44200-##
2-7/8"	73mm	PT46200-##
3"	76mm	PT48200-##
3-1/4"	83mm	PT52200-##
3-1/2"	89mm	PT56200-##
3-3/4"	95mm	PT60200-##
4"	102mm	PT64200-##
4-1/2"	114mm	PT72200-##
5"	127mm	PT80200-##
6"	152mm	PT96200-##

PYROTEX FIRESLEEVE AEROSPACE-GRADE BRAID



SAE AS1072 Type II Compliant Firesleeve

ATLANTEX COLOR CODES (-##)

-10	Red Iron Oxide	
-20	Aluminized	
-30	Black	
-50	Yellow	
-60	Blue	
-70	Red	
-80	Green	



Customized Solutions
Colored Coating with Custom Print