

**FlameShield™ Firesleeve: High Temperature, Heat, Flame, Fire & Molten Metal Resistant Protection for Hoses, Cables and Wires**  
500°F / 260°C Continuous Rating – Higher Temperature for Shorter Periods  
Industrial Grade & Heavy Duty Grade: *Silicone Rubber Coated Fiberglass Sleeve*



**Protection from:**

- Heat
- Flame
- Fire
- Molten Metal Splash
- Welding Splatter & Sparks

**FlameShield™** firesleeve is the standard heat, flame and fire protection for hoses, tubing, cables and wiring in harsh environments.

Utilized in most industries with hot processes, liquid metal or welding operations to protect assets and prevent failures, prolonging the life of critical hoses, wires and cables, and reduce unexpected shutdowns.

Also protects personnel from hot or cold hoses and pipes.

Firesleeve can be double sleeved or undersleeved with uncoated braided or knitted sleeves for additional thermal protection.

Industrial grade FlameShield firesleeve has minimal radial elasticity (approx 5%) while the Heavy Duty grade has approximately 20% of elasticity, allowing it to pass over couplings and connectors.

The Heavy Duty version sleeve is also used to cover water-cooled high current EAF cables and cooling water hoses at metal processing plants due to the excellent molten metal splash and slag protection. Both Industrial and Heavy Duty sleeve are extremely flexible, pliable and conformable. Used for fuel, brake, oil and hydraulic line / hose protection on mobile construction equipment, mining equipment, rail cars, buses and emergency response vehicles.

Also an excellent cold temperature sleeve with flexibility to -76°C. See further material specifications on Page 1-5.

S-FSHD up to 5" / 127mm ID meets standards: UL 1441 VW-1, DIN EN ISO 15540, EN 45545, NF F 16-101, BS 6853, NF X 10-702, NF X 70 100 & NF X 70 200, BS EN ISO 11925, BS EN ISO 4589-2, BS EN 60695-2-11, ASTM D 2863 OI, DD CEN/TS 45545-2, ASTM G85 Type 2.

Industrial Grade firesleeve is fabricated from a E-type glass yarn that is **knitted** and the Heavy Duty Grade is fabricated from a dense E-type yarn that is **braided**. Both the knitted and braided firesleeve receive a thick coating of self-extinguishing silicone rubber that withstands liquid metal splash, flame, slag, sparks, and other hazards in the toughest of environments. Standard lengths are 100 feet; specific cut lengths are available. Standard colors are Oxide-Red in all sizes for both Industrial and Heavy Duty Grades, and Black is available in sizes from -04 through -32 in Heavy Duty Grade. Other colors may be available or can be ordered in lot quantity. Use ABST-LP-1 silicone rubber paint to add color markings. Nominal wall thickness is 0.140" for S-FSHD and 0.160" for S-FS.

On March 17, 2017, AB Technology Group became the largest firesleeve manufacturer globally.

## Nomex® Braided Sleeve

662°F / 350°C: Continuous Rating – Higher Temperature for Shorter Periods

FlameShield™ High Temperature, Heat & Flame Resistant Expandable Sleeve – Premium Grade



- Genuine Dupont Nomex®
- Soft and pliable.
- Halogen & asbestos free.
- 90,000 psi tensile strength.
- Cuts easily to length with scissors. Braid angle allows this sleeve to expand slightly to accommodate irregular surfaces and turns, splices and in-line connectors.
- Available in natural and green color.
- .016" wall thickness.

662°F / 350°C continuous rating, high insulation value & excellent personnel protection

FlameShield™ Braided Nomex® Sleeve High Temperature & Heat Resistant – Premium Grade		
Part Number	Nominal ID	Size Range
S-NMX-M003-02-X-Y	1/8"	1/16" to 1/4"
S-NMX-M006-04-X-Y	1/4"	1/8" to 5/16"
S-NMX-M008-05-X-Y	5/16"	7/32" to 7/16"
S-NMX-M010-06-X-Y	3/8"	1/4" to 1/2"
S-NMX-M013-08-X-Y	1/2"	5/16" to 5/8"
S-NMX-M016-10-X-Y	5/8"	7/16" to 7/8"
S-NMX-M019-12-X-Y	3/4"	9/16" to 1"
S-NMX-M025-16-X-Y	1"	3/4" to 1 1/8"
S-NMX-M032-20-X-Y	1 1/4"	1" to 1 1/2"
S-NMX-M038-24-X-Y	1 1/2"	1 1/4" to 1 3/4"
S-NMX-M044-28-X-Y	1 3/4"	1 1/2" to 2"

For the "X" value, use "100" for 100 foot spool, use "25" for 25 foot spool

For the "Y" value, use "NT" natural color, use "GN" for green color

Please call for additional discount pricing when ordering multiple spools.

**This Product is NOT Available By-The-Foot – Spools Only**