

## Firesleeve: High Temperature, Heat, Flame, Fire & Molten 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 reducing unexpected shutdowns.

Also protects personnel from hot or cold hoses and pipes.

Firesleeve can be double sleeved for additional 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 in the world.

500°F / 260°C continuous rating with weld splatter / molten metal splash protection.  
2200°F / 1205°C for periods up to 15 minutes and short excursions to 3000°F / 1650°C.

<b>FlameShield™ High Temperature Firesleeve: Industrial grade and Heavy Duty grade</b>								
<b>Nominal ID Inches / mm / Dash #</b>			<b>Industrial Grade Part Number</b>	<b>Price per Foot</b>	<b>Price per Metre</b>	<b>Heavy Duty Grade Part Number</b>	<b>Price per Foot</b>	<b>Price per Metre</b>
1/4	6	-04	S-FS-M006-04	\$ 2.96	\$ 9.68	S-FSHD-M006-04-X	\$ 3.37	\$ 11.02
5/16	8	-05	S-FS-M008-05	\$ 3.21	\$ 10.53	S-FSHD-M008-05-X	\$ 3.47	\$ 11.38
3/8	10	-06	S-FS-M010-06	\$ 3.37	\$ 11.02	S-FSHD-M010-06-X	\$ 3.68	\$ 12.03
7/16	11	-07	S-FS-M011-07	\$ 3.69	\$ 12.10	S-FSHD-M011-07-X	\$ 3.92	\$ 12.86
1/2	13	-08	S-FS-M013-08	\$ 3.97	\$ 12.98	S-FSHD-M013-08-X	\$ 4.36	\$ 14.26
9/16	15	-09	S-FS-M015-09	\$ 4.21	\$ 13.80	S-FSHD-M015-09-X	\$ 4.53	\$ 14.86
5/8	16	-10	S-FS-M016-10	\$ 4.34	\$ 14.19	S-FSHD-M016-10-X	\$ 4.67	\$ 15.32
11/16	17	-11	S-FS-M017-11	\$ 4.63	\$ 15.18	S-FSHD-M017-11-X	\$ 5.07	\$ 16.63
3/4	19	-12	S-FS-M019-12	\$ 4.88	\$ 15.96	S-FSHD-M019-12-X	\$ 5.34	\$ 17.52
13/16	20	-13	S-FS-M020-13	\$ 5.55	\$ 18.20	S-FSHD-M020-13-X	\$ 5.94	\$ 19.48
7/8	22	-14	S-FS-M022-14	\$ 5.82	\$ 19.03	S-FSHD-M022-14-X	\$ 6.33	\$ 20.76
1	25	-16	S-FS-M025-16	\$ 6.42	\$ 21.06	S-FSHD-M025-16-X	\$ 7.19	\$ 23.58
1 1/8	29	-18	S-FS-M029-18	\$ 7.25	\$ 23.78	S-FSHD-M029-18-X	\$ 8.12	\$ 26.63
1 1/4	32	-20	S-FS-M032-20	\$ 7.76	\$ 25.45	S-FSHD-M032-20-X	\$ 8.68	\$ 28.47
1 3/8	35	-22	S-FS-M035-22	\$ 7.81	\$ 25.62	S-FSHD-M035-22-X	\$ 8.75	\$ 28.70
1 1/2	38	-24	S-FS-M038-24	\$ 8.04	\$ 26.37	S-FSHD-M038-24-X	\$ 9.01	\$ 29.55
1 5/8	41	-26	S-FS-M041-26	\$ 8.17	\$ 26.80	S-FSHD-M041-26-X	\$ 9.14	\$ 29.98
1 3/4	44	-28	S-FS-M044-28	\$ 10.43	\$ 34.21	S-FSHD-M044-28-X	\$ 11.68	\$ 38.31
1 7/8	48	-30	S-FS-M048-30	\$ 11.50	\$ 37.72	S-FSHD-M048-30-X	\$ 13.63	\$ 44.71
2	51	-32	S-FS-M051-32	\$ 12.18	\$ 39.95	S-FSHD-M051-32-X	\$ 16.23	\$ 53.23
2 1/4	57	-36	S-FS-M057-36	\$ 14.49	\$ 47.53	S-FSHD-M057-36	\$ 18.67	\$ 61.24
2 3/8	60	-38	S-FS-M060-38	\$ 16.79	\$ 55.07	S-FSHD-M060-38	\$ 19.93	\$ 65.37
2 1/2	64	-40	S-FS-M064-40	\$ 18.83	\$ 61.76	S-FSHD-M064-40	\$ 21.10	\$ 69.21
2 5/8	67	-42	S-FS-M067-42	\$ 21.45	\$ 70.36	S-FSHD-M067-42	\$ 23.87	\$ 78.29
2 3/4	70	-44	S-FS-M070-44	\$ 24.11	\$ 79.08	S-FSHD-M070-44	\$ 24.45	\$ 80.20
2 7/8	73	-46	S-FS-M073-46	\$ 25.91	\$ 84.98	S-FSHD-M073-46	\$ 29.24	\$ 95.91
3	76	-48	S-FS-M076-48	\$ 27.21	\$ 89.25	S-FSHD-M076-48	\$ 29.98	\$ 98.33
3 1/4	83	-52	S-FS-M083-52	\$ 29.14	\$ 95.58	S-FSHD-M083-52	\$ 30.17	\$ 98.96
3 1/2	89	-56	S-FS-M089-56	\$ 31.26	\$ 102.53	S-FSHD-M089-56	\$ 31.94	\$ 104.76
3 3/4	95	-60	S-FS-M095-60	\$ 32.34	\$ 106.08	S-FSHD-M095-60	\$ 32.63	\$ 107.03
4	102	-64	S-FS-M102-64	\$ 32.65	\$ 107.09	S-FSHD-M102-64	\$ 33.83	\$ 110.96
4 1/2	114	-72	S-FS-M114-72	\$ 44.24	\$ 145.11	S-FSHD-M114-72	\$ 39.55	\$ 129.56
5	127	-80	S-FS-M127-80	\$ 47.92	\$ 157.18	S-FSHD-M127-80	\$ 42.53	\$ 139.51
5 1/2	140	-87	S-FS-M140-87	\$ 52.71	\$ 172.88	S-FSHD-M140-87	\$ 44.96	\$ 147.47
6	152	-96	S-FS-M152-96	\$ 57.50	\$ 188.60	S-FSHD-M152-96	\$ 47.03	\$ 154.26
8	203	-128	S-FS-M203-128	\$ 76.19	\$ 249.90	S-FSHD-M203-128	\$ 67.62	\$ 221.79
10	254	-160	S-FS-M254-160	\$ 95.84	\$ 314.35	S-FSHD-M254-160	\$ 85.06	\$ 278.99
12	305	-193	S-FS-M305-193	\$ 115.00	\$ 377.20	S-FSHD-M305-193	\$ 102.07	\$ 334.79
14	356	-225	S-FS-M356-225	\$ 134.17	\$ 440.07	S-FSHD-M356-225	\$ 119.08	\$ 390.58
16	406	-257	S-FS-M406-257	\$ 153.34	\$ 502.95	S-FSHD-M406-257	\$ 136.09	\$ 446.37

Sizes larger than 16 inches ID are available (up to 24"). Priced by quotation

For the "-X" value above in the part number use "-OR" for Oxide-Red or "-BK" for Black

**This product is available By-The-Foot / Metre or in standard 100 foot / 30 metre lengths  
Larger diameters up to 6" ID may also be available in 50 foot / 15 metre lengths**