



Product Highlights

- Operating temperature up to +260°C (+500°F)
- Superior flame retardance
- Excellent thermal protection
- Flexible
- Water tight and fluid resistant
- Non-flammable

Typical Applications

- Heater Hoses
- Power Steering Hoses
- Fuel Lines
- Brake Lines

FyreJacket® 1610 is a thickwall braided fiberglass sleeve coated with silicone rubber that provides thermal protection. FyreJacket 1610 is used to protect hoses, lines and cables in high temperature areas. It additionally provides protection against short-term hazards such as flame blasts. When burn-through is a threat, the specially designed sleeve construction retards the penetration of the flame. This can allow critical components to continue to function for a short amount of time.

In addition to protecting assemblies and components from high temperatures and flame, FyreJacket 1610 can be used to insulate lines and cables. This type of insulation protects external components from heat while often increasing the efficiency of the internal components.

The braided construction of FyreJacket 1610 allows excellent flexibility in temperatures as low as -60°C (-76°F). The silicone coating is highly resistant to a wide range of solvents and fluids.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

Performance Data – FyreJacket® 1610

Property	Test Method	Result
Operating Temperature		-54°C to +260°C (-58°F to +500°F)
Peak Temperature		Product withstands +1100°C during 15 min. and +800°C during 30 min.
Low Temperature Flexibility	ASTM D-746	Pass -60°C
Flammability	FMVSS 302 D45 1333	Non combustible - Type A
Fluid Resistance	D47 1924	No visible degradation after: <ul style="list-style-type: none"> - Immersion for 15 s at 23°C followed by a drying period of 24 h at 150°C for: motor oil, automatic transmission fluid, manual transmission oil - Immersion for 15 s at 23°C followed by a drying period of 24 h at 23°C for: zinc chloride, brake fluid - Immersion for 48 h at 70°C followed by a drying period of 24 h at 23°C for: urea • Vapor exposure for 2 h at 70°C followed by a drying period of 24 h at 23°C for: battery fluid • 10 cycles of spraying (1 cycle = 1 spraying followed by 27 min in a pre-heated oven) for: engine coolant (at 118°C), windscreen washer (at 70°C), Std fuel C + 15 % methanol (at 40°C), Unloaded petrol 98 (at 40 °C), gazole (at 40°C), E85 (at 40°C)

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

Construction and Typical Product Characteristics

Outer Layer: Silicone rubber coating

Inner Layer: Fiberglass multifilament

Standard Sizes

Commercial Part Number	Nominal Diameter (mm)
Fyrejacket 1610 8-C	8
Fyrejacket 1610 10-C	10
Fyrejacket 1610 13-C	13
Fyrejacket 1610 16-C	16
Fyrejacket 1610 19-C	19
Fyrejacket 1610 22-C	22
Fyrejacket 1610 25-C	25
Fyrejacket 1610 32-C	32
Fyrejacket 1610 38-C	38
Fyrejacket 1610 45-C	45
Fyrejacket 1610 51-C	51
Fyrejacket 1610 57-C	57
Fyrejacket 1610 64-C	64
Fyrejacket 1610 76-C	76
Fyrejacket 1610 89-C	89
Fyrejacket 1610 101-C	101

C = Color Code: Black: 0 | Silver: 8 | Orange: 3

Availability

Standard sizes are listed here. Additional sizes could be available upon request.

Available in spools and custom cut lengths.

- Recommended standard cut length \leq 500 mm are in 5 mm increments,
- Recommended standard cut length \geq 501 mm are in 10 mm increments.

Please see regional drawings for cut length tolerances.

Standard colors are black, orange and silver. Additional colors may be available.

Please consult your local sales representative for regional packaging details and standards.



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EMEA: (33) 3 44 39 06 06 • Japan: (81) 45 330 0300 • China: (86) 21 6182 7560

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