

A background image of an industrial facility, likely a refinery or chemical plant, at night. The scene is illuminated by various lights, creating a complex pattern of highlights and shadows. The image is partially obscured by a dark blue vertical band on the right side, which serves as a backdrop for the text.

unishore

**SILICONE
HOSES**

**THERMAL
INSULATION**

WELL DONE

Thermal insulation - Sleeves, Tapes and Fabrics

Various applications:

Suitable for a wide range of applications, including metals, hose fabrication, locomotive, oil and gas, glass, OEM and related industrial sectors.

PRIORITY FIRESLEEVE



DESCRIPTION

The Standard Firesleeve is developed to protect hoses, wires, and cables from high temperatures and intermittent flame exposure. Manufactured from braided fiberglass yarns on a flexible substrate and coated with high-grade silicone rubber, it offers resistance to hydraulic fluids, oils, and fuels. The firesleeve helps reduce heat loss, supports personnel protection against burns, and enables the bundling of wires, hoses, and cables. Its robust silicone coating also helps repel molten metal splash, welding spatter, sparks, and contamination, while providing additional resistance to ozone and UV exposure.

- Available in ID 6mm to 160mm
- Continuously Operating at 260°C, peaks at 1650°C
- Standard in iron oxide red. Other colors are available.
- Length in 20m coil (ID 6 to 76mm), 15m coil (ID 80 to 102mm), 10m coil (ID 105 to 152mm). Other lengths are available.
- Velcro sleeve is available for undetachable hoses.

PRIORITY FIRESLEEVE



DESCRIPTION

Priority Firesleeve is manufactured from knitted bulky fiberglass yarns on a flexible substrate and coated with an upgraded silicone rubber compound to provide enhanced thermal insulation compared with standard firesleeve constructions. It is developed to protect hoses, wires, and cables from high temperatures and intermittent flame exposure. Resistant to hydraulic fluids, oils, and fuels, it helps reduce heat loss, supports personnel protection against burns, and enables the bundling of wires, hoses, and cables. The thick silicone coating also helps repel molten splash, slag, welding spatter, sparks, and contamination, while providing additional resistance to ozone and UV exposure..

- Available in ID 10mm to 51mm
- Continuously Operating at 260°C, peaks at 1650°C+
- Standard in iron oxide red. Other colors are available.
- Length in 20m coil.
- Velcro sleeve is available for undetachable hoses.

AEROSPACE FIRESLEEVE

EN
45545-2
R22/R23



DESCRIPTION

Aerospace Firesleeve is manufactured from a high-quality texturized fiberglass braided sleeve with a thick silicone rubber coating, providing enhanced thermal insulation performance compared with Priority Firesleeve. It is developed to protect critical hoses, cables, tubes, wires, and assemblies in demanding environments exposed to high temperatures, flame, and molten splash. Resistant to hydraulic fluids, oils, and fuels, it also helps reduce heat transfer from hot pipes and hoses, supporting energy efficiency and personnel protection. This firesleeve provides reliable system protection across industries including aerospace, industrial engineering, foundry, automotive, transportation, defense, machinery, and MRO applications.

- Available in ID 6mm to 45mm
- Continuously Operating at 260°C, peaks at 1650°C
- Standard in iron oxide red. Other colors are available.
- Length in 20m coil.
- Velcro sleeve is available for undetachable hoses.

NYLON SLEEVE



DESCRIPTION

Nylon Sleeve is braided from high-tenacity multifilament nylon yarn and offers excellent resistance to abrasion, UV exposure, and chemicals, while also providing effective dust protection. It is an economical and durable solution for extending hose service life, particularly in applications subject to severe wear and external degradation, and can also provide limited protection against burst effects and contamination. The smooth sleeve construction allows easy installation over hoses, chains, or cables and can be secured using nylon ties or clamps. Velcro-style sleeve versions are also available for non-detachable hose assemblies..

- Available in ID 10mm to 95mm. The popular sizes in ID 20mm, 25mm, 31mm, 36mm, 40mm
- Standard in black color.
- Operating Temperature: -40°C to 125°C
- Length in 50m coil.

SILICONE SELF-FUSING TAPE



DESCRIPTION

Silicone Self-Fusing Tape is a non-adhesive tape that bonds to itself as well as to compatible silicone sleeves and tapes. It offers resistance to high temperatures, intermittent flame exposure, and molten splash, while also providing good chemical stability against fuels, oils, water, acids, and many solvents. Commonly used as an end-wrap for firesleeves, it helps prevent the ingress of hydraulic oils and contaminants while supporting improved thermal insulation. When stretched to approximately 250% and applied in ring or spiral wrapping, the tape gradually fuses to itself without the need for heat or adhesive. It can be removed easily and leaves no residue.

- Standard in iron oxide red; Other color black, red, blue, white, grey is available on request.
- Size in 25mm width, 1mm thickness.
- Roll length available in 3m, 5m, 10m, 20m. Other lengths are available on request.
- More sizes and lengths please talk to us

SILICA FIBER SLEEVE



DESCRIPTION

Silica Fiber Sleeve protects hoses, cables, tubes, and wires from extreme heat, flames, and molten splashes. Made from pure silica fiber (96% SiO₂), it withstands continuous use at 1000°C and short-term exposure up to 1650°C with minimal shrinkage. It is also resistant to common chemicals and solvents.

- Standard in white color.
- The popular sizes are ID 10mm, 12mm, 15mm, 20mm, 25mm, 30mm. More sizes please talk to us.
- Available in 30m coil.
- Continuously Operating at 1000°C, peaks at 1650°C.

SILICONE SELF-FUSING TAPE



DESCRIPTION

Aluminum-Coated Fiberglass Sleeve is manufactured from high-temperature braided fiberglass with a reflective aluminum foil coating. It is designed to reflect more than 90% of radiant heat, helping to keep underlying cables, hoses, and wires at lower temperatures. The aluminum layer remains bonded to the fiberglass even under demanding thermal conditions, making this sleeve particularly suitable for protection against intense radiant heat from infrared sources such as superheated metal surfaces.

- Standard in silver color.
- Available in ID 5mm to 65mm
- Available in 1 meter length.
- Operating temperature range: 260°C ~ 550°C.
- Velcro sleeve is available for undetachable hoses.

FIBERGLASS BRAIDED SLEEVE



DESCRIPTION

Silica Fiber Sleeve is developed to protect hoses, cables, tubes, and wires from extreme temperatures, flame exposure, and molten splash. Manufactured from 96% pure silica fiber (SiO_2), it is suitable for continuous use at temperatures up to 1000°C and for short-term exposure up to 1650°C, while maintaining minimal shrinkage. In addition, it offers resistance to many common chemicals and solvents.

- Standard in white color.
- The popular sizes are ID 10mm, 12mm, 15mm, 20mm, 25mm, 30mm. More sizes please talk to us.
- Available in 30m coil.
- Continuously Operating at 1000°C, peaks at 1650°C.



SILICONE COATED FIBERGLASS TAPE

- 260°C
- Multiple width available



FIBERGLASS TAPE

- 550°C
- Multiple width available



SILICA FIBER TAPE

- 1000°C
- Multiple width available



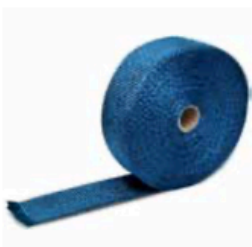
BASALT FIBER TAPE

- 760°C
- Multiple width available



SILICA FIBER SELFADHESIVE TAPE

- 1000°C
- Multiple width available



COLORLED FIBERGLASS TAPE

- 550°C
- Multiple width available



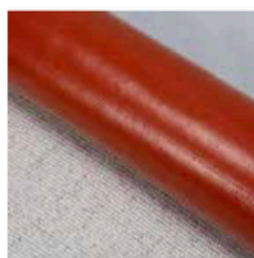
ALUMINIUM COATED FIBERGLASS SELFAD- HESIVE TAPE

- 260°C
- Multiple width available



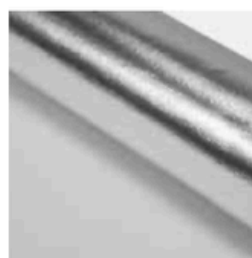
CERAMIC FIBER TAPE

- 1000°C
- Stainless steel reinforced.
- Multiple width available
- 650°C, fiberglass reinforced is available.



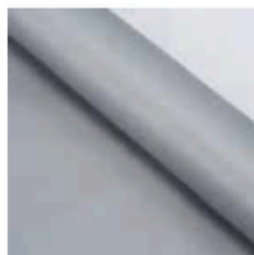
FIBERGLASS TAPE

- 260°C
- Single-side coating
- 0.5mm-3.0mm thickness



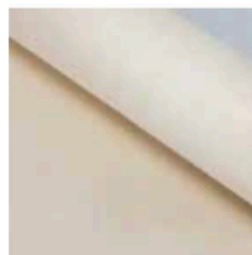
ALUMINIUM COATED FIBERGLASS FABRIC

- 260°C
- 0.2mm-2.0mm thickness



FIBERGLASS TAPE

- 260°C
- Double-side coating
- 0.5mm-3.0mm thickness



VERMICULITE COATED SILICA FIBER FABRIC

- 1000°C
- 0.7mm-1.3mm thickness