

Thermal Reflective Wrap

FITCO®Flect-J-WRAP

FITCO®Flect-J-WRAP is a self-wrapping, reflective sleeve designed to provide thermal protection from both radiant and convective heat. Composed of a braided fiberglass and polyester base fabric and a lamination of aluminum foil, the product can withstand convective heat soaks up to 200°C and simultaneously protect critical components from radiant heat reflected heat.

The self-wrapping design of FITCO®Flect-J-WRAP allows for quick and easy installation with the addition of a self-sealing adhesive reinforcement that allows for permanent closure. The adhesive strip acts as a barrier to dirt and fluids while maintaining the full integrity of the finished aluminized sleeve.

Thermal characteristics: -40°C up to +200°C



| Description | Nominal size | |
|--------------------------|--------------|------|
| | inch | mm |
| FITCO®Flect-J-WRAP 3/8 | 0.375 | 9.5 |
| FITCO®Flect-J-WRAP 1/2 | 0.500 | 12.7 |
| FITCO®Flect-J-WRAP 5/8 | 0.625 | 15.8 |
| FITCO®Flect-J-WRAP 3/4 | 0.750 | 19.0 |
| FITCO®Flect-J-WRAP 1 | 1.000 | 25.4 |
| FITCO®Flect-J-WRAP 1-1/4 | 1.250 | 31.7 |
| FITCO®Flect-J-WRAP 1-1/2 | 1.500 | 38.1 |

*Other sizes on request

Packaging: FITCO®Flect-J-WRAP is typically cut to length for each application.
Lamination is aluminum foil.

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| Properties | Test Method | Typical Value |
|--------------------------------|----------------------|---|
| Mechanical | | |
| Tensile strength | ASTM D 5035 | Warp: 250 lb avg. |
| Tear strength | ASTM D 5733 | Fill: 250 lb/ 3.5 inch avg. |
| Thermal | | |
| Thermal endurance (6h x 150°C) | Heat soak | No delamination |
| Flammability | ASTM D 350, Method B | Self-extinguishing |
| Chemical | | |
| Fluid resistance | - | No delamination in standard industry fluids |

Key Benefits:

- Excellent radiant heat protection
- Convective heat protection up to 200°C/392°F
- Self-Wrapping design
- Flexible
- Fluid and chemical resistant

