

Technical Data Sheet

Thermosleeve™ S

Product Name: Thermosleeve™ S

Technical Description: A braided fiberglass sleeve, made from E-Glass fiber yarn. Heat-treated and coated with an acrylic saturant.

Temperature Capabilities: Rated for 1000°F (538°C) continuous, and intermittent exposure to 1300°F (705°C). The acrylic saturant used to improve handling and installation will begin to decompose at 400°F (204°C).



Product Overview: Thermosleeve™ S is a tan colored fiberglass sleeve with excellent expansion and contraction capabilities. The acrylic saturant and high braid angle allow the sleeve to expand and contract by at least 25% of its nominal size, thus allowing a full range of coverage from only five sizes. The smooth finish and absence of loose glass fibers make it a uniquely user-friendly fiberglass sleeve.

Dimensional Data:

TSS-06 3/8" (10mm) Nominal ID Covers 1/4" to 1/2" (6mm–13mm)
TSS-10 5/8" (16mm) Nominal ID. Covers 1/2" to 3/4" (13mm–19mm)
TSS-14 7/8" (22mm) Nominal ID. Covers 3/4" to 1-1/8" (19mm–29mm)
TSS-22 1-3/8" (35mm) Nominal ID. Covers 1-1/8" to 1-3/4" (29 mm–44mm)
TSS-44 2-3/4" (70mm) Nominal ID. Covers 1-3/4" to 3-1/2" (44 mm–89mm)

Installation: Can be installed over almost any hose or cable. Note that expansion of the sleeve beyond its nominal diameter decreases its overall length.

Cautionary Notes: Ideally used for the protection of water-cooled induction furnace cables in light molten splash applications. Not recommended for extreme molten splash applications.

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