

## Technical Data Sheet

### Pyrosil Tape™ / Pyrosil™ Tape Reinforced

**Product Name:** Pyrosil™ Tape

**Technical Description:** An iron oxide red silicone rubber tape with extreme elasticity. Self bonding, Pyrosil Tape cures itself within seconds. Product available with reinforced, sinusoidal-shaped glass fiber for increased tensile strength and resistance to notch sensitivity (PSTR).

**Temperature Capabilities:** Rated for 475°F (246°C) continuous exposure.



**Product Overview:** Pyrosil™ Tape (PST) and Pyrosil™ Tape Reinforced (PSTR) are designed to provide a self-fusing inorganic rubber insulator, and to be used in conjunction with Pyrojacket<sup>®</sup> and Pyrotape<sup>®</sup> as an end sealant to prevent moisture and hydraulic oils from wicking into the inner braid.

The self-bonding silicone offers excellent resistance to radiant heat, corrosive atmosphere, moisture, chemicals, vibration, and electricity.

Pyrosil™ Tape makes a flexible, homogenous, coil insulation that is easily applied with one wrap of the tape forming a void-free system.

Pyrosil™ Tape's excellent dielectric strength makes it suitable as an electrical insulator in a variety of applications.

Pyrosil™ Tape is supplied in compliance with A-A-59163 : which supersedes MILI-46852C.

**Dimensional Data:** Pyrosil™ Tape available in 1" (25mm) and 1-1/2" (38mm) wide rolls.

**Roll Length:** 36ft (11m).

Pyrosil™ Tape Reinforced: Available in 1" (25mm) wide.

**Roll Length:** 60ft (18m).

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### Nominal Thickness:

Regular Pyrosil™ Tape 1" (25mm) wide = 0.020" (0.51mm)

1-1/2" (38.1mm) wide = 0.060" (1.52 mm)

### Reinforced Pyrosil™ Tape

1" (25mm) wide = 0.020" (0.51mm)

**Installation:** Stretch tape during installation using at least a 50% overlap. For best results, use on clean, dry surfaces free from dirt and oil.

**Cautionary Notes:** Not recommended for exposure to molten splash or flame.

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