

Flexible Thermal-Ribbon™ Pipe Sensors

Save time and money during installation

Overview

Flexible Thermal-Ribbon™ sensors mount on the pipe surface so there's no expense of a pipefitter to drain, drill, and tap the pipe for a thermowell because there is no thermowell! When properly installed and insulated, the accuracy and response of a Thermal-Ribbon equals an immersed thermowell assembly.

Options include stainless steel braid over leadwires to prevent abrasion damage and pressure-sensitive adhesive for easier mounting (smooth surfaces only).

S467PD specifications

Design kit part number: S467PDY36B.

Sensing Element: Platinum, $100\Omega \pm 0.1\%$ at 0°C
(Meets EN60751, Class B).

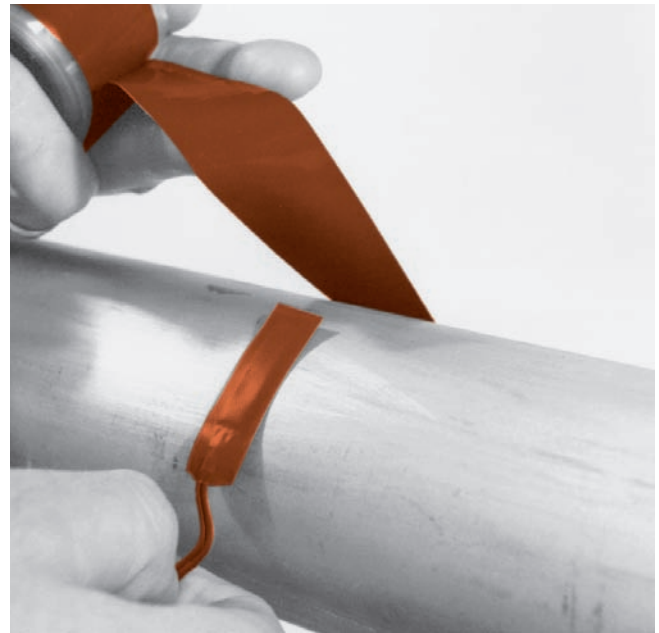
TCR: 0.00385.

Body material: Silicone rubber with polyimide backing.

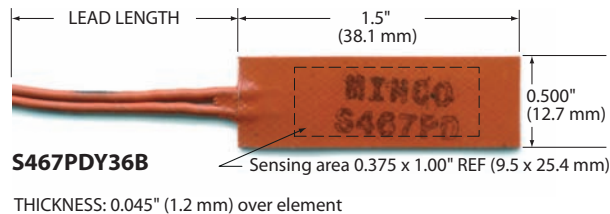
Temperature range: -62 to 200°C (-80 to 392°F).

Leadwires: AWG 24, silicone rubber.

Moisture resistance: Meets MIL-STD-202, Method 104, Test Condition B.



Tape the Thermal-Ribbon in place beneath a layer of insulation.



Specification options

S467PD	Model number
Y	Number of leads: Y = 2 leads Z = 3 leads YS = 2 leads, stainless steel braid ZS = 3 leads, stainless steel braid
36	Lead length in inches
B	Adhesive backing: A = No adhesive B = Pressure-sensitive adhesive
S467PDY36B = Sample part number	