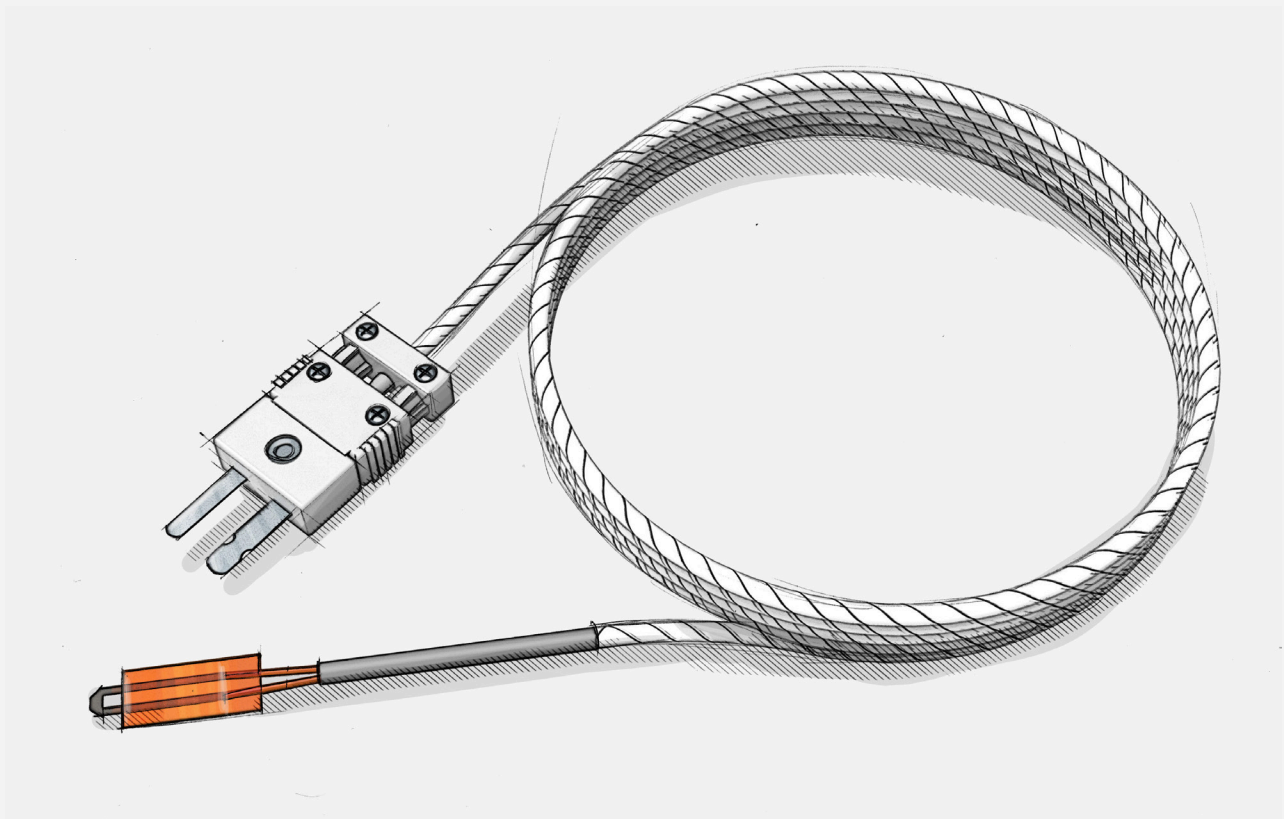


VAN DER STÄHL SCIENTIFIC

RIBBON STYLE THERMOCOUPLE

MS 110 SPECIFICATIONS



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SCIENTIFIC

www.vanderstahl.com



MS 110

ABOUT

The MS-110 thermocouple is a proprietary test lead designed for use with all impulse sealers that are sold by Van der Stahl Scientific. The MS-110 ribbon style thermocouple has been designed to accurately gather thermal data from the sealing platen without damaging the sealing surface of the heat sealer under test. Each MS-110 is individually verified in a calibrated dry well at three to five static temperatures to ensure that the MS-110 is reading accurately before shipping. We recommend that the MS-110 test lead be re-verified each year over a range of temperatures to assure that the device is performing to the accuracy stated below.

Specifications

Type K metal ribbon thermocouple (nickel-chrome/nickel-aluminum).
Approximate dimensions are 20mm long x 5mm wide x 0.07mm thick.

- Class 2 Tolerance.
- Temperature tolerance: $\pm 2.5^{\circ}\text{C}$
- Temperature range: -40°C to 300°C
- K-type thermocouple wire: KS1E
- Diameter: 0.32mm
- Color coded: negative-white/positive red
- Thermoelectromotive force tolerance range: 0 to $400\mu\text{V} \pm 2.5\mu\text{V}$
- Cord length: 2000mm

