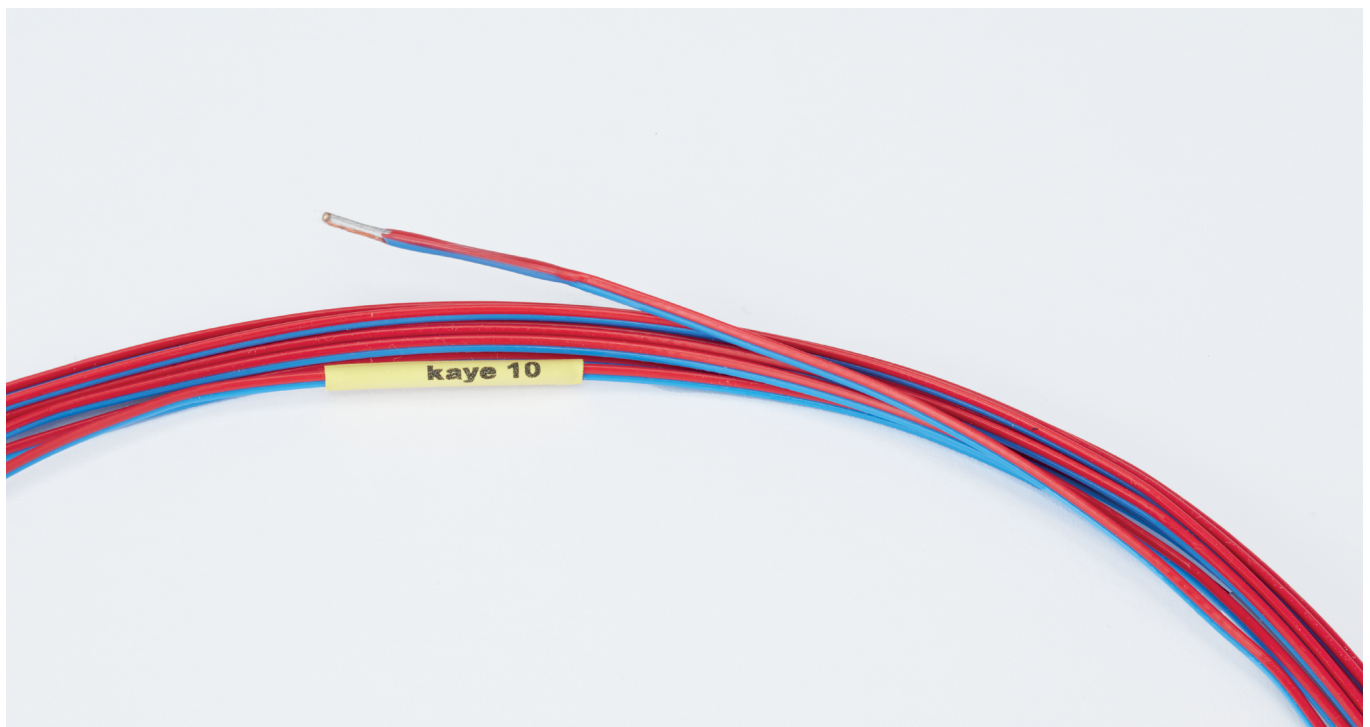


Autobond Thermocouples for Autoclaves

ULTRA-PREMIUM TYPE T AUTOBOND
THERMOCOUPLES TEFLON[®] INSULATED



The Ultra-Premium Grade Autobond Thermocouple Wire was designed to eliminate leakage of water or steam through standard Teflon thermocouples. The Autobond wire eliminates the outer clear Teflon jacket which is where 90% of moisture creep occurs and also creates a mold on the inner wires which eliminates any inner air pockets for moisture to flow.

BENEFITS

- No more need for drip cuts or dealing with puddles of water
- Extended probe life due to reduced moisture and oxidation of wires
- Eliminates the risk of getting moisture in your Validator and rusting out SIMS or damaging electronics
- Reduced diameter (no outer sleeve) easier to deal with and more T/C in baths
- Ultra-Premium grade wire provides same level of accuracy and uniformity
- Compatible with existing Sims, Feedthru's and Bath Inserts

The Ultra-Premium Autobond wire carries the same accuracy and uniformity specifications as our standard Kaye Ultra-Premium wire and comes in 2 diameters the standard 22 AWG 7-strand wire and the 26 AWG smaller 7-strand wire. T

he Autobond wire can be used not only for moist applications, but can also be used for any application ranging from -196°C to 200°C.

APPLICATIONS

- Autoclaves
- Raining autoclaves
- SIP

TECHNICAL SPECIFICATIONS

- Thermocouple tips with 1.8 mm or 2.6 mm diameter
- Temperature range from -196°C to 200°C

- Accuracy of 0.25°C @ 121°C
- Ideal for wet applications
- Continuous use up to 200°C with a short peak of 250°C
- Available as 7-strand wire in 2 sizes
- Available also with Labels
- Standard length of 6-8-10-12 m (EMEA)
- Standard length of 30-35-40-45-50 feet (US)

ORDERING INFORMATION

Part Number	Description
AL-7ST1WY-20	AUTOBOND Teflon Probe 7-strand 1" Tip 20 ft 22AWG incl. Label (6 meter)
AL-7ST1WY-25	AUTOBOND Teflon Probe 7-strand 1" Tip 25 ft 22AWG incl. Label
AL-7ST1WY-27	AUTOBOND Teflon Probe 7-strand 1" Tip 27 ft 22AWG incl. Label (8 meter)
AL-7ST1WY-30	AUTOBOND Teflon Probe 7-strand 1" Tip 30 ft 22AWG incl. Label
AL-7ST1WY-33	AUTOBOND Teflon Probe 7-strand 1" Tip 33 ft 22AWG incl. Label (10 meter)
AL-7ST1WY-40	AUTOBOND Teflon Probe 7-strand 1" Tip 40 ft 22AWG incl. Label (12 meter)
AL-7ST1WY-50	AUTOBOND Teflon Probe 7-strand 1" Tip 50 ft 22AWG incl. Label
AS-7ST1WY-20	AUTOBOND Teflon Probe 7-strand 1" Tip 20 ft 26AWG incl. Label (6 meter)
AS-7ST1WY-25	AUTOBOND Teflon Probe 7-strand 1" Tip 25 ft 26AWG incl. Label
AS-7ST1WY-27	AUTOBOND Teflon Probe 7-strand 1" Tip 27 ft 26AWG incl. Label (8 meter)
AS-7ST1WY-30	AUTOBOND Teflon Probe 7-strand 1" Tip 30 ft 26AWG incl. Label
AS-7ST1WY-33	AUTOBOND Teflon Probe 7-strand 1" Tip 33 ft 26AWG incl. Label (10 meter)
AS-7ST1WY-40	AUTOBOND Teflon Probe 7-strand 1" Tip 40 ft 26AWG incl. Label (12 meter)
AS-7ST1WY-50	AUTOBOND Teflon Probe 7-strand 1" Tip 50 ft 26AWG incl. Label
K0259-1	AUTOBOND 22 AWG Ultra Premium 7-strand wire in 1000 ft spool
K0259-2	AUTOBOND 22 AWG Ultra Premium 7-strand wire in 2000 ft spool
K0263-1	AUTOBOND 26 AWG Ultra Premium 7-strand wire in 1000 ft spool
K0263-2	AUTOBOND 26 AWG Ultra Premium 7-strand wire in 2000 ft spool

Kaye Representative contact:

Request a demo:

EUROPE, MIDDLE EAST, AFRICA AND ASIA

Amphenol Advanced Sensors Germany GmbH
Sinsheimer Strasse 6
D-75179 Pforzheim
T: +49 (0) 7231-14 335 0
F: +49 (0) 7231-14335 29
Email: kaye@amphenol-sensors.com

USA/AMERICAS

Amphenol Thermometrics, Inc.
967 Windfall Road
St. Marys, PA 15857
T: +1(814) 834-9140
F: +1(814) 781-7969
Email: kaye-us@amphenol-sensors.com

INDIA

Amphenol Interconnect India Pvt Ltd.
Plot no. 6, Survey No.64 | Software Units layout
MAHAVEER TECHNO PARK
HITECH CITY, MADHAPUR | Hyderabad,
Telangana – 500081 | T: +91 40 33147100
Email: kaye-india@amphenol-sensors.com

CHINA

Amphenol (Changzhou) Connector
Systems Co., Ltd, Building 10,
Jintong Industrial Park, No. 8 Xihu Road,
Wujin High-Tech Development Zone,
Changzhou, Jiangsu 213164
T: 0086-519-83055197



Warranty and disclaimer: The information mentioned on documents are based on our current tests, knowledge and experience. Because of the effect of possible influences in an application of the product, they do not exempt the user from their own tests, checks and trials. A guarantee of certain properties or a guarantee for the proper suitability of the product for a specific, especially permanent application can not be derived from our data. Liability is therefore excluded to that extent permitted by law. Any proprietary rights of third parties as well as existing laws and regulations must be observed by the recipient of the product on his own responsibility.

© 2023 Amphenol Corporation. All Rights Reserved. Specifications are subject to change without notice. Other company names and product names used in this document are the registered trademarks or trademarks of their respective owners.