



Autobond Thermocouples for Autoclaves

Ultra-Premium Type T Autobond Thermocouples Teflon® Insulated



Kaye is pleased to announce the introduction of our new Ultra-Premium Grade Autobond Thermocouple Wire. The Autobond 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. The 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.

Give our Ultra Premium Autobond Thermocouple wire a try and say goodbye to your Thermocouple leakage problems !!



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
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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
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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
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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