

## TEW AUTOCLAVE THERMOCOUPLE

### Application:

- Autoclaves
- Composites
- Cryogenics
- Food and Drug
- Biotech
- Laboratory
- Automotive
- Environmental Chambers

### Product Features:

- Labor Saving Patented\*\*\* Thermocouple Assembly
- Reduced Vacuum Leakage
- Molded-on Connector rated to 500°F (260°C)
- Small Diameter
- High Accuracy
- Small Thermal Mass
- Excellent Chemical Resistance

### Available Options:

- Mini connector rated to 250°F (121°C)
- Available as Bulk Wire
- High Temperature Braided Insulations for 950°F (510°C) to 2200°F (1204°C)
- Special Color Codes
- Certification to BAC 5621
- Calibration Test Reports



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### PRODUCT SPECIFICATIONS

#### Conductors:

Solid thermocouple wire per ASTM E230 & ANSI MC96.1

#### Insulation:

Flame Retardant extruded Fluoropolymer FEP or PFA

#### Construction:

Overall insulation encapsulating parallel conductors

#### Operating Temperature:

FEP -328°F (-200°C) to +400°F (+200°C) continuous

PFA -328°F (-200°C) to 500°F (+260°C) continuous

#### Limits of Error:

Conforms to ASTM E230, IEC 584 and ANSI MC 96.1

#### Color Code:

Varies with insulation type