Oven Tracker® XL2
Thermocouple Range 2
A comprehensive range to suit your exact application needs

• Designed to be accurate, repeatable and easy to operate
• Exceptionally durable, quad wrapped, 10 strand 36 AWG (0.125 mm/0.005 in), metal braid and PTFE sheathed Type K thermocouple
• Specified to ANSI MC96.1 Special Limits of Error (±0.4% or ±1.1°C/±2.0°F, whichever is greater)
• IEC584 color standard (green) for Type K thermocouples
• Strong ‘crimped’ plug/cable attachment
• Circular cable cross section to reduce kinking and twisting
• Various cable lengths available

(*does not apply to PA0060/61/62, PA0215 and PA0180/82)

CLAMP THERMOCOUPLES

Clamp Surface
Clips to non-ferrous components for measuring substrate temperature.
PA0011 1.5 m (5 ft) Maximum temperature 265°C (509°F)
PA0012 3.0 m (10 ft) Maximum temperature 265°C (509°F)

Clamp Air
Clips to non-ferrous components for measuring the surrounding ambient air temperature.
PA0021 1.5 m (5 ft) Maximum temperature 265°C (509°F)
PA0022 3.0 m (10 ft) Maximum temperature 265°C (509°F)

EXPOSED JUNCTION THERMOCOUPLES

Exposed junction designed for use on test pieces that are left permanently rigged. Attached to the substrate by spot welding, soldering, use of high temperature tape or screw (washer). Used in applications, where conventional magnetic and clip attachment methods are not appropriate.

PA0063 1.5 m (5 ft) Exposed Junction
Maximum temperature 265°C (509°F)
PA0064 3.0 m (10 ft) Exposed Junction
Maximum temperature 265°C (509°F)

PA0081 1.5 m (5 ft) Washer
Maximum temperature 265°C (509°F)
PA0082 3.0 m (10 ft) Washer
Maximum temperature 265°C (509°F)
ADHESIVE PATCH THERMOCOUPLE
Ultra fast response, single strand and PTFE coated. Employs self-adhesive patch for attachment. Its minimal thermal mass makes it ideal for small items or plastics. Recommended for use in IR ovens, if the thermocouple requires over coating prior to the test.

<table>
<thead>
<tr>
<th>Code</th>
<th>Length</th>
<th>Maximum temperature</th>
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</thead>
<tbody>
<tr>
<td>PA0061</td>
<td>1.0 m (3 ft)</td>
<td>265°C (509°F)</td>
</tr>
<tr>
<td>PA0060</td>
<td>1.5 m (5 ft)</td>
<td>265°C (509°F)</td>
</tr>
<tr>
<td>PA0062</td>
<td>3.0 m (10 ft)</td>
<td>265°C (509°F)</td>
</tr>
</tbody>
</table>

EXPOSED JUNCTION THERMOCOUPLE – HIGH TEMPERATURE
Exposed junction thermocouple constructed of glass fiber cable and designed for high temperature coating applications, such as PTFE or Dacromet cure. Attached to the substrate by either high temperature tape or screw, or spot welded into position.

<table>
<thead>
<tr>
<th>Code</th>
<th>Length</th>
<th>Response and Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA0215</td>
<td>0.8 m (2.6 ft)</td>
<td>Fast response, glass fiber Max. temperature 500°C (932°F)</td>
</tr>
<tr>
<td>PA0182</td>
<td>1.5 m (5 ft)</td>
<td>Glass fiber Max. temperature 500°C (932°F)</td>
</tr>
<tr>
<td>PA0180</td>
<td>3.0 m (10 ft)</td>
<td>Glass fiber Max. temperature 500°C (932°F)</td>
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