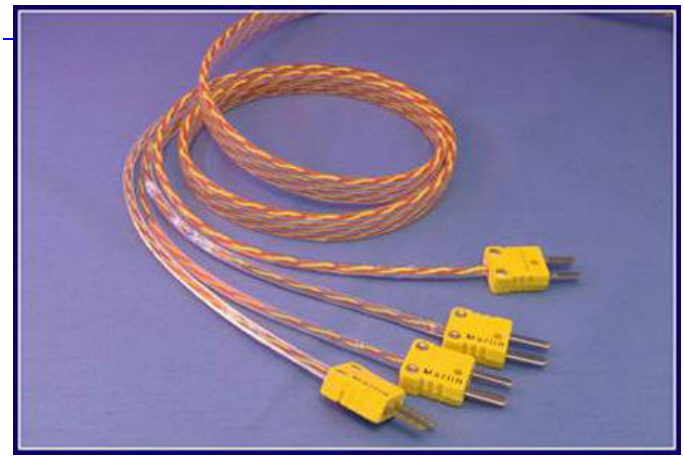
Cicoil Introduces Flexible Thermocouple Cables and Assemblies

WDD Staff



Cicoil [1](Valencia, CA) announces the introduction of its Highly Flexible Thermocouple Cables. Unlike traditional Thermocouple cables, the Cicoil version has been designed for continuous motion, tight routing, excessive temperatures (-65° to +260° C), and extremely harsh environments.

Cicoil's flexible 28 AWG Flat Thermocouple Cable:

- Is available in Type J and K versions.
- Has 1 to 8 conductors.
- Is Excellent for temperature sensing, control instrumentation, heating systems, and automated equipment applications.
- Has a compact, flame retardant solution, free of halogens and contaminants.
- Is engineered to provide space and weight savings, durability, and mission critical reliability.

Cicoil's patented extrusion process allows each Thermocouple conductor to be placed in a flat profile, precisely controlling the spacing of each component, insulation thickness, and the overall cable shape.
The tear resistant Flexx-Sil jacket is also self-healing from small punctures and will not wear, crack, or deform due to long term exposure to tight routing, vibration, heat, continuous flexing, water, ice, steam, sunlight, humidity, ozone, UV light, autoclave, and many chemicals.

Standard "off the shelf" Type J & K Thermocouple Cables are available for immediate delivery, and cable assemblies, complete with connectors, are offered in 3 foot, 6 foot and 12 foot lengths. Custom designs are also available with minimum lead times. In addition, Cicoil offers anti-friction coatings, impact resistant Super Tuff jacketing, and custom shape designs by request.

Cicoil's Flexx-Sil Jacketed Thermocouple Cables are UL & CSA Recognized, CE Conforming, RoHS 2 & REACH Compliant, Class 1 Clean Room Rated, and manufactured in an automated, climate controlled environment.

For more information, please visit www.cicoil.com [1]

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http://www.wirelessdesignmag.com/product-releases/2013/10/cicoil-introduces-flexible-thermocouple-cables-and-assemblies

Links:
[1] http://www.cicoil.com