



Industrial & Commercial High-Temperature Wire & Cable



Sycor International Inc. © All rights reserved

Industry

Concerned that your wires might not be able to hold up in your gruelling, high-heat applications? Sycor Technology can help you find the right high-temperature wiring solution for your project. The high-temperature wire family includes but isn't limited to, thermocouple wire, EPDM cables, MGT-1000, SEW-2 and SRML products. These cables boast temperature ratings ranging from a low 150°C all the way up to 450°C, and are available in a variety of materials and configurations. High-temperature wire can be used for a variety of applications such as cooking and drying equipment, household and industrial ovens, aircraft and petroleum processing, aerospace applications and others where the temperature exceeds 150°C. High-temperature wires are designed for even the most unforgiving environments. This is only possible because of products like SRML, SGI, TGGT and MGT, which are created with a special coating that enables them to survive in some of the most demanding applications.

If you have any questions about which high-temperature wire your application calls for, let us help! Our superior sales staff is always available to answer any questions you may have, and are more than happy to help with narrowing down your different wire and cable options. [Request a quote](#) online, [email](#), or [call us](#) today!

Popular High-Temperature Wiring Applications

Steel Mills



Power Generation



Oil & Gas



Industrial Furnaces



Products

Silicone High-Temperature Wire

Sycor stocks a wide range of Silicone Products

SRML - UL 3252, UL 3254

Nickel - 250°C - 600V

SRML-K - UL 3231, UL 3410

Tinned - 200°C - 600V SGI UL 3257 Ignition Wire

Nickel - 250°C - 600V CSA SEW-1, UL SF-1

Tinned - 200°C - 300V CSA SEW-2, UL SF-2

Tinned - 200°C - 600V CSA SEWF-1, UL SFF-1

Tinned - 150°C - 300V CSA SEWF-2, UL SFF-2

Tinned - 150°C - 600V

Braidless Silicone Fixture UL 3212,

3213, 3214

Tinned - 150°C - 600V

Teflon High-Temperature Wire

Sycor stocks a wide range of Teflon Products:

TGGT (UL 5288) - Teflon Glass Glass Teflon

Nickel - 250°C - 600V

TCGT (UL 5127) - Teflon Glass Glass Teflon

Nickel - 250°C - 600V

CSA AWM PTFE UL 1198 & UL 1199

Silver - 250°C - 600V

CSA AWM UL 1164 & UL 1180

Silver - 200°C - 300V

MGT - Mica Tape Glass Teflon

Nickel - 450°C - 600V

UL 1330 & UL 1331- FEP Insulated

Tinned - 150°C or 200°C - 600V

Thermocouple High-Temperature Wire

Type J Thermocouple (Iron / Constantan)

With a temperature range of -40°C to 760°C the Type J thermocouple is a cost-effective choice that although isn't as strong as other alternatives, is still continuously reliable.

Type K Thermocouple (Nickel-Chromium / Nickel-Alumel)

The Type K thermocouple is more accurate and reliable than Type J, as the temperature range is much wider. Type K thermocouple is very reliable and has a very wide temperature range of -200°C to +1350°C.

Type T Thermocouple (Copper / Constantan)

The Type T thermocouple is very stable and has a temperature range of -200°C to +350°C. Type T is often used in cryogenics and ultra-low freezers usually located in laboratories.

Type N Thermocouple (Nicrosil / Nisil)

The Type N thermocouple has overall better continuous performance than Type K, thus making it slightly more expensive for its operating temperature of -270°C to +1300°C.

Type E Thermocouple (Nickel-Chromium / Constantan)

This specific grade can be used for testing heating application safety, for temperature ranges between -50°C to +740°C and more accurate ratings between -50°C to +140°C.





Contact Us



www.sycor.com



sales@sycor.com

905-821-3591



905-821-7260 Fax

1-800-268-9444 Toll-free



www.facebook.com



www.linkedin.com

