

Thermocouple & RTD Wire

Chem-Gard® 200 RTD Cable

Chem-Gard® 200 RTD (Resistance Temperature Detector) Cable is a high-temperature and chemical-resistant cable for control and instrumentation applications that can withstand a maximum conductor temperature of 200°C / 392°F. This instrumentation temperature sensing device cable works on a basic correlation between metals and temperature in which change in resistance of the detector element is calibrated with temperature. It features a braided shield with a fluoropolymer jacket that provides excellent chemical, abrasion and high heat resistance.



**Ratings**

RoHS compliant

300V

Max Conductor Temperature 200°C

Cold Temperature Rating -30°C

**Performance Characteristics** ✓ Bend Radius (Static): 12x Cable O.D. ✓ Bend Radius (Dynamic): 15x Cable O.D.

**Engineered to Resist** High Temperature Chemicals

Features & Benefits

**Finely Stranded Nickel-Plated Copper Conductors**

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Nickel-plated conductors allow for high heat resistance.

**Specially Compounded Fluoropolymer Insulation**

High dielectric, tensile, and mechanical properties. Offers superior resistance to lubricating oils, coolants, cutting oils, acids, and most chemicals.

**Heavy-Duty 90% Coverage Nickel-Plated Copper Braid Shield**

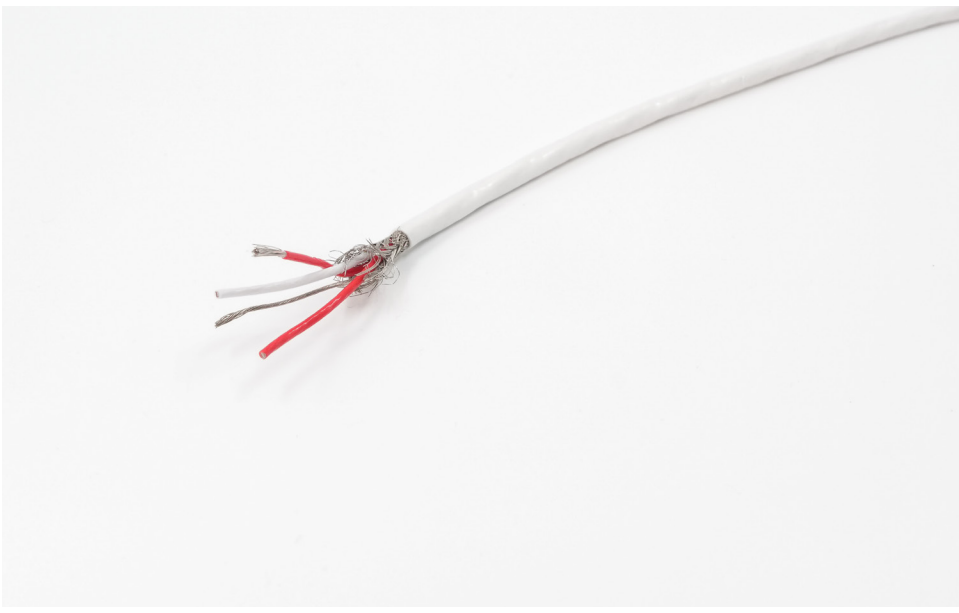
Nickel-plated copper braid shield with flat drain wire and spiral-wrapped skived PTFE tape. Provides protection against EM and RF interference and a low impedance path to ground. Protects equipment and motor damage from electrical noise and "stray voltage".

**Specially Compounded Fluoropolymer Jacket**

Ideal for environments where harsh chemicals are present. Superior resistance to oils, acids, solvents, and chemicals. Excellent defense against cutting and abrasion.

**Ordering Information** For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Part No.	Configuration AWG/Cond	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland*
40551	18/3	0.180	40	55001
40552	18/4	0.195	45	55001



**Notes**  
\*Grip-Seals® Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required. Confirm NPT Fitting Size matches application.