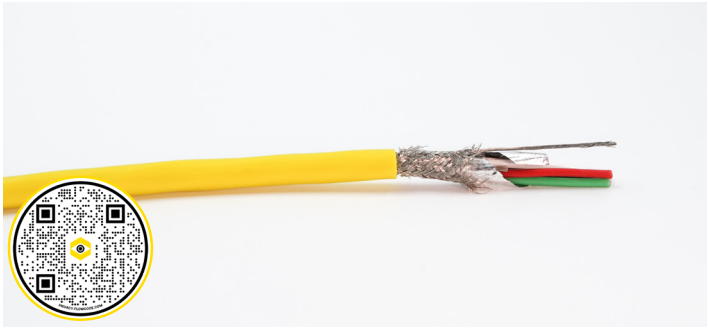

Control/Instrumentation

Chem-Gard® 200 TC Rated Cable

Chem-Gard® 200 TC Rated 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 control and instrumentation cable features a fluoropolymer jacket that provides excellent chemical, abrasion and high heat resistance. This multi-conductor Chem-Gard® 200 TC is Tray Cable rated for use in cable trays and raceways and is available in both shielded and non-shielded options.

Ratings RoHS compliant | 600V | Max Conductor Temperature 200°C | Cold Temperature Rating -60°C | Type TC | AWM Style 2750 | CSA Standard C22.2 No. 210-15 AWG Class I/II Group A/B FT1 | Suitable for Class I, II, III, Division 2***

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

Engineered to Resist Abrasion | High Temperature | Cold 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.

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

Nickel-plated copper braid shield with flat drain wire and spiral-wrapped skived Polyester 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	Ampacity*	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
		Shielded			
42060TC	18/4	21	0.325	105	55002
42068TC	18/8	15	0.400	154	55004
42064TC	18/12	10	0.475	198	55004
42061TC	16/4	29	0.355	127	55002
42069TC	16/8	20	0.440	193	55004
42065TC	16/12	14	0.555	279	55005
42062TC	14/4	40	0.395	163	55004
42070TC	14/8	28	0.495	257	55004
42071TC	14/12	20	0.620	376	55006
42063TC	12/4	55	0.440	210	55004
42072TC	12/8	39	0.590	369	55005
42075TC	10/4	74	0.500	274	55005
42077TC	10/7	59	0.680	447	55007
		Unshielded			
42803TC	18/3	21	0.283	65	55003
42804TC	18/4	21	0.304	80	55003
42808TC	18/8	15	0.381	132	55004
42812TC	18/12	10	0.453	179	55004
42603TC	16/3	29	0.309	82	55003
42604TC	16/4	29	0.333	100	55002
42608TC	16/8	20	0.420	168	55004
42612TC	16/12	14	0.503	260	55005
42403TC	14/3	40	0.341	105	55002
42404TC	14/4	40	0.369	135	55002
42408TC	14/8	28	0.470	251	55004
42412TC	14/12	20	0.595	366	55006
42203TC	12/3	55	0.384	143	55002
42204TC	12/4	55	0.410	171	55004
42208TC	12/8	39	0.560	352	55005
421004TC	10/4	74	0.470	243	55004

Notes

**Ampacities are based on an ambient temperature of 40°C and conductor temperature of 200°C per the IEEE Standard 835 Power Cable Ampacity Table.*

***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.*

****When installed in accordance with NEC guidelines sections, 501.140, 502.140, 503.140.*