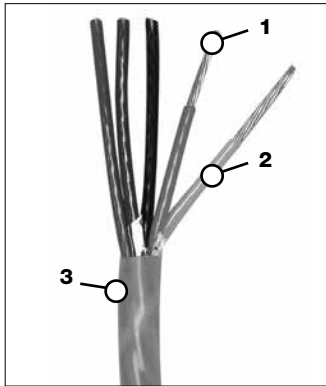


Chem-Gard® 200 TC Rated Cable

- UL Listed
- CSA
- Max Conductor Temp 200°C
- Cold Temp Rating -60°C
- 600V
- Suitable for class I, II, III, Division 2

Chem-Gard® 200 TC Rated cable provides excellent resistance to chemicals, abrasion and high heat. This flexible cable has a wide temperature range from -60°C (-76°F) to 200°C (392°F) and is Tray Cable rated for use in cable trays and raceways.



FEATURES & BENEFITS

1. FINELY STRANDED NICKEL-PLATED COPPER CONDUCTORS

— For improved flexibility in dynamic applications plus protection from corrosion and oxidation in chemical and high-temperature environments.

2. FLUOROPOLYMER CONDUCTOR INSULATION

— Extremely chemical resistant and mechanically durable for additional protection against cutting, abrasion and chemicals, plus conductors slide easily within jacket for maximum flex life.

3. FLOUROPOLYMER JACKET

— Ideal for harsh environments, excellent defense against cutting and abrasion, resistant to oils, acids, solvents and chemicals, and designed for continuous temperature applications up to 200°C (392°F).

4. OPTIONAL ULTRA-SHIELD CONSTRUCTION

— 90% coverage heavy-duty nickel-plated copper braid shielding provides protection from EM and RF interference plus superior mechanical strength in abusive environments.

APPLICATIONS

- Cable carrier systems in multiple market segments including Food & Beverage, Steel Plants, Metal Fabricating, Utility, and Wood, Pulp & Paper

CONDUCTOR COLOR CODE (PER ICEA CONTROL CABLE COLOR CODE E1)

CONDUCTOR	COLOR	TRACER
1	Black	—
2	White	—
3	Red	—
4	Green	—
5	Orange	—
6	Blue	—

CONDUCTOR	COLOR	TRACER
7	White	Black
8	Red	Black
9	Green	Black
10	Orange	Black
11	Blue	Black
12	Black	White

ORDERING INFORMATION (MINIMUM PURCHASE MAY BE REQUIRED IF PRODUCT NOT STOCKED)

SHIELDED MULTI-CONDUCTOR											
PART NO.	AWG / CORD SIZE	STRANDING (STRANDS/ AWG)	NOMINAL O.D. (IN)	AMPACITY ¹	WT. (LBS) PER 1,000'	PART NO.	AWG / CORD SIZE	STRANDING (STRANDS/ AWG)	NOMINAL O.D. (IN)	AMPACITY ¹	WT. (LBS) PER 1,000'
42060TC	18/4	7/26	0.325	21	105.4	42062TC	14/4	105/34	0.395	40	163.0
42068TC	18/8	7/26	0.400	15	153.6	42070TC	14/8	105/34	0.495	28	257.2
42064TC	18/12	7/26	0.475	10	198.2	42071TC	14/12	105/34	0.620	20	375.6
42061TC	16/4	7/24	0.355	29	127.2	42063TC	12/4	65/30	0.440	55	209.8
42069TC	16/8	7/24	0.440	20	192.8	42072TC	12/8	65/30	0.590	39	368.7
42065TC	16/12	7/24	0.555	14	279.3	42075TC	10/4	105/30	.500	74	274
—	—	—	—	—	—	42077TC	10/7	105/30	.680	59	447

UNSHIELDED MULTI-CONDUCTOR											
PART NO.	AWG / CORD SIZE	STRANDING (STRANDS/ AWG)	NOMINAL O.D. (IN)	AMPACITY ¹	WT. (LBS) PER 1,000'	PART NO.	AWG / CORD SIZE	STRANDING (STRANDS/ AWG)	NOMINAL O.D. (IN)	AMPACITY ¹	WT. (LBS) PER 1,000'
42803TC	18/3	7/26	0.283	21	65	42403TC	14/3	105/34	0.341	40	105
42804TC	18/4	7/26	0.304	21	80	42404TC	14/4	105/34	0.369	40	135
42808TC	18/8	7/26	0.381	15	132	42408TC	14/8	105/34	0.470	28	251
42812TC	18/12	7/26	0.453	10	179	42412TC	14/12	105/34	0.595	20	366
42603TC	16/3	7/24	0.309	29	82	42203TC	12/3	65/30	0.384	55	143
42604TC	16/4	7/24	0.333	29	100	42204TC	12/4	65/30	0.410	55	171
42608TC	16/8	7/24	0.420	20	168	42208TC	12/8	65/30	0.560	39	0.352
42612TC	16/12	7/24	0.503	14	260	421004TC	10/4	105/30	.470	74	243

Note: (1) Ampacity based on ambient temperature of 40°C and conductor temperature of 200°C per IEEE Standard Power Cable Ampacity Table.