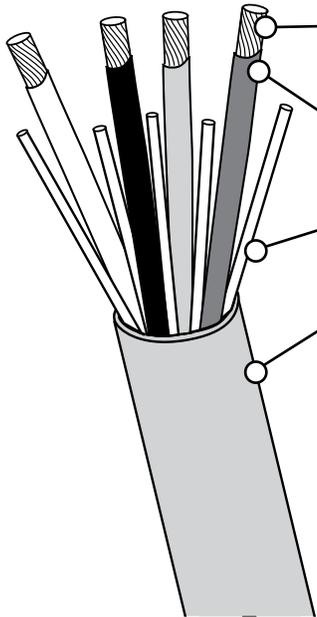


Chem-Gard™ 200



- Rated to 200°C (392°F)
- FT-1
- VW-1

In cat track testing Chem-Gard 16/12 completed over 1.7 million cycles without failure!



FINELY STRANDED NICKEL PLATED COPPER CONDUCTORS

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

FLUOROPOLYMER CONDUCTOR INSULATION

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

HIGH TEMPERATURE FLUOROPOLYMER FILLERS

Will not wick up contaminants into cable. Allows conductors to move freely within jacket for improved flexibility in dynamic applications.

FLUOROPOLYMER JACKET

Ideal for harsh chemical environments. Excellent defense against cutting and abrasion. Resistant to oils, acids, solvents and chemicals. Designed for continuous temperature environments up to 200°C (392°F).

OPTIONAL ULTRA-SHIELD™ CONSTRUCTION

90% coverage heavy duty tinned copper braid shielding provides protection from EM and RF interference in addition to superior mechanical strength in abusive environments.

SMALL DIAMETER

Fluoropolymer offers excellent electrical properties and the product is much smaller than most cables of the same AWG size and conductor count. This allows the product to be used in areas that require a tighter bend radius.

APPLICATIONS

- ◆ Conveyors
- ◆ Motor Operated Valves
- ◆ Kiln Fans
- ◆ Pumps
- ◆ Emergency Isolation Valves
- ◆ Furnaces

ADD CHEM-GARD™ QUICK-CONNECTS™ TO COMPLETE YOUR ORDER! See Pages 174-176.



ORDERING INFORMATION (Call for pricing & availability)

UNSHIELDED MULTI-CONDUCTOR					
High Temp Non-Shielded Braid – 200°C (Additional configurations available)					
PART NO.	CONFIGURATION (AWG/COND)	STRANDING (STRANDS/AWG)	NOMINAL O.D. (IN.)	AMPACITY (1)	WT. (LBS.) PER 1000'
42804	18/4	41/34	0.200	19.0	42
42812	18/12	41/34	0.305	12.0	105
42604	16/4	65/34	0.230	26.0	59
42612	16/12	65/34	0.370	16.0	152
42404	14/4	105/34	0.270	43.0	86.5
42412	14/12	105/34	0.425	26.0	210
42204	12/4	65/30	0.345	54.0	133.5

UNSHIELDED SINGLE CONDUCTOR <small>(CONTINUED ON NEXT PAGE)</small>					
High Temp Non-Shielded Braid – 200°C (Additional configurations available)					
PART NO.	CONFIGURATION (AWG/COND)	STRANDING (STRANDS/AWG)	NOMINAL O.D. (IN.)	AMPACITY (1)	WT. (LBS.) PER 1000'
42901	1	817/30	0.437	344	340
42902	2	665/30	0.401	293	277
42904	4	133/25	0.305	220	170
42906	6	133/27	0.252	165	111
42908	8	133/29	0.211	124	73
42881	18 BLACK	41/34	0.068	24.0	6.8
42882	18 WHITE	41/34	0.068	24.0	6.8

NOTE: (1) Ampacities are based on conductors in free air, 40°C (104°F) ambient, 200°C (392°F) conductor temperature.

(continued from previous page)

UNSHIELDED SINGLE CONDUCTOR High Temp Non-Shielded Braid – 200°C (Additional configurations available)					
PART NO.	CONFIGURATION (AWG/COND)	STRANDING (STRANDS/AWG)	NOMINAL O.D. (IN.)	AMPACITY (1)	WT. (LBS.) PER 1000'
42883	18 RED	41/34	0.068	24.0	6.8
42884	18 GREEN	41/34	0.068	24.0	6.8
42885	18 BROWN	41/34	0.068	24.0	6.8
42886	18 ORANGE	41/34	0.068	24.0	6.8
42887	18 YELLOW	41/34	0.068	24.0	6.8
42888	18 BLUE	41/34	0.068	24.0	6.8
42661	16 BLACK	65/34	0.078	32.0	10.4
42662	16 WHITE	65/34	0.078	32.0	10.4
42663	16 RED	65/34	0.078	32.0	10.4
42664	16 GREEN	65/34	0.078	32.0	10.4
42665	16 BROWN	65/34	0.078	32.0	10.4
42666	16 ORANGE	65/34	0.078	32.0	10.4
42667	16 YELLOW	65/34	0.078	32.0	10.4
42668	16 BLUE	65/34	0.078	32.0	10.4
42441	14 BLACK	105/34	0.094	54.0	15.5
42442	14 WHITE	105/34	0.094	54.0	15.5
42443	14 RED	105/34	0.094	54.0	15.5
42444	14 GREEN	105/34	0.094	54.0	15.5
42445	14 BROWN	105/34	0.094	54.0	15.5
42446	14 ORANGE	105/34	0.094	54.0	15.5
42447	14 YELLOW	105/34	0.094	54.0	15.5
42448	14 BLUE	105/34	0.094	54.0	15.5
42221	12 BLACK	65/30	0.124	68.0	24.6
42222	12 WHITE	65/30	0.124	68.0	24.6
42223	12 RED	65/30	0.124	68.0	24.6
42224	12 GREEN	65/30	0.124	68.0	24.6
42225	12 BROWN	65/30	0.124	68.0	24.6
42226	12 ORANGE	65/30	0.124	68.0	24.6
42227	12 YELLOW	65/30	0.124	68.0	24.6
42228	12 BLUE	65/30	0.124	68.0	24.6
42301	10 BLACK	105/30	0.134	90.0	38.5
42302	10 WHITE	105/30	0.134	90.0	38.5
42303	10 RED	105/30	0.134	90.0	38.5
42304	10 GREEN	105/30	0.134	90.0	38.5
42305	10 BROWN	105/30	0.134	90.0	38.5
42306	10 ORANGE	105/30	0.134	90.0	38.5
42307	10 YELLOW	105/30	0.134	90.0	38.5
42308	10 BLUE	105/30	0.134	90.0	38.5

SHIELDED MULTI-CONDUCTOR High Temp Shielded Braid – 200°C (Additional configurations available)					
PART NO.	CONFIGURATION (AWG/COND)	STRANDING (STRANDS/AWG)	NOMINAL O.D. (IN.)	AMPACITY (1)	WT. (LBS.) PER 1000'
42066	18/3	41/34	0.208	19.0	46
42060	18/4	41/34	0.220	19.0	56
42064	18/12	41/34	0.345	12.0	123
420612	16/2	65/30	0.215	32.0	35
420613	16/3	65/30	0.232	32.0	46
42061	16/4	65/34	0.245	26.0	77
42065	16/12	65/34	0.385	16.0	176
42062	14/4	105/34	0.290	43.0	104
42063	12/4	65/30	0.370	54.0	154

NOTE: (1) Ampacities are based on conductors in free air, 40°C (104°F) ambient, 200°C (392°F) conductor temperature.