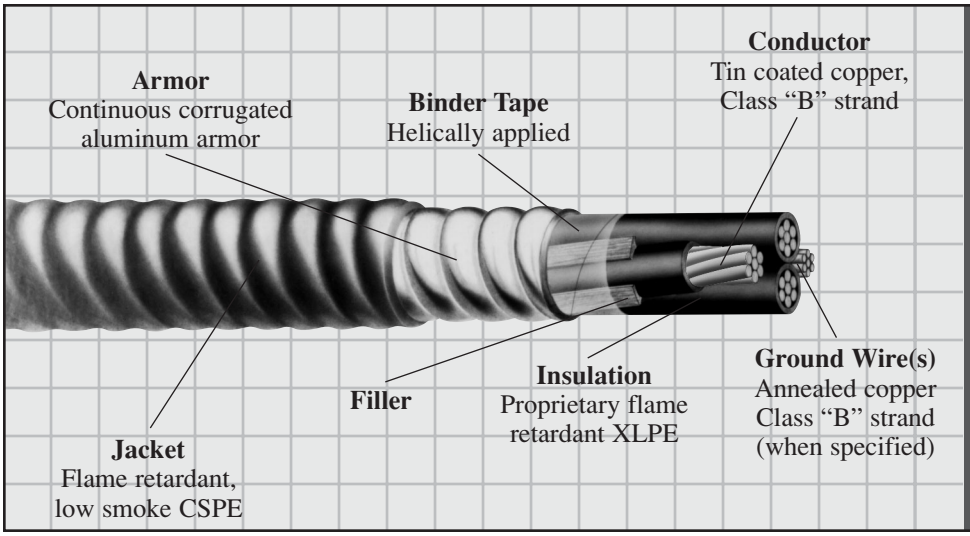

Gardex® CC

Continuous Corrugated Aluminum Armor Power Cable

XLPE Insulation
Low Smoke, CSPE Jacket

90°C*, 600 Volt
NEC Type MC
UL Listed

Spec. RSS-8-001

Scope

Gardex® CC cross-linked polyethylene insulated Continuous Corrugated Aluminum Armored Transit Cable is engineered for use in power and lighting circuits in transit system tunnels and stations. The cable is suitable for use in wet and dry locations, indoors and outdoors, in trays, ducts, self-supported, or buried directly in earth.

Features

- Self-contained conduit and wiring system
- Low smoke jacket
- Flame retardant
- Extremely rugged
- Superior mechanical properties
- Excellent electrical characteristics
- Easily installed
- Superior crush resistance
- Outstanding abrasion and cut-through resistance
- Continuous sheath is impervious to oils, chemicals and moisture

Performance Standards

- Conductors in accordance with ASTM B-8 and B-33
- Insulation in accordance with ICEA S-95-658 and UL 44 for Type XHHW-2
- Armor in accordance with UL Standard 1569
- Jacket in accordance with ICEA S-95-658 and UL 1569
- UL listed
- NEC Type MC
- Cable passes IEEE-383 1974 vertical tray flame test, ICEA T-30-520 (70,000 BTU/hr) and ICEA T-29-520 (210,000 BTU/hr) vertical tray flame test
- Approved for use in Class I Division 2 hazardous locations

Construction

Conductor:
Annealed copper, tin coated Class "B" strand

Insulation:
Proprietary heat, moisture, ozone and chemical resistant, flame retardant, cross-linked polyethylene (XLPE), ICEA S-95-658 Table 3-1 Column "B" thickness

Circuit Identification:
Printed numbers per ICEA Method 4 (14-10 AWG Method 1, Table K-2)

Ground Wire(s):
Annealed copper, Class "B" strand per UL 1569 (When specified)

Fillers:
(When required)

Binder Tape:
Helically applied

Armor:
Gardex® CC continuous corrugated impervious aluminum armor

Jacket:
Heat, moisture, ozone, sunlight, oil and chemical resistant, flame retardant, Low Smoke CSPE (also available in neoprene, or LSZH jacket)

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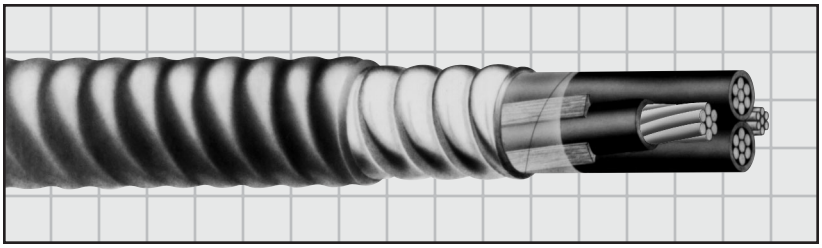

Product Code	Size (AWG kcmil)	Number of Conductors	Insulation Thickness (Inch)	Insulation Thickness (mm)	Ground Wires Qty-Size	Core Diameter (Inch)	Armor Thickness (Mils)	Armor Overall Diameter (Mils)	Jacket Thickness (Mils)	Nominal Overall Diameter (Inch)	Approximate Net Weight (Lbs/M')
S15-5294	14	3	.030	.76	3-18	.29	25	.48	50	.59	200
S15-5295	14	4	.030	.76	2-16	.33	25	.54	50	.65	235
S15-5296	12	3	.030	.76	3-16	.34	25	.54	50	.65	250
S15-5297	12	4	.030	.76	3-16	.38	25	.58	50	.69	290
S15-5298	10	3	.030	.76	3-14	.39	25	.58	50	.69	315
S15-5299	10	4	.030	.76	3-14	.43	25	.62	50	.73	370
S15-5300	8	3	.045	1.14	1-10	.52	25	.74	50	.85	440
S15-5301	8	4	.045	1.14	2-12	.59	25	.84	50	.95	540
S15-5302	6	3	.045	1.14	3-12	.60	25	.84	50	.95	600
S15-5303	6	4	.045	1.14	2-10	.68	25	.92	50	1.03	725
S15-5304	4	3	.045	1.14	1-8	.71	25	.96	50	1.07	790
S15-5305	4	4	.045	1.14	2-10	.78	25	1.07	50	1.18	990
S15-5306	2	3	.045	1.14	1-6	.83	25	1.13	50	1.24	1120
S16-3660	2	4	.045	1.14	2-8	.93	25	1.13	50	1.24	1390
S16-3661	1/0	3	.055	1.40	1-6	1.05	25	1.26	50	1.37	1570
S16-3662	1/0	4	.055	1.40	1-6	1.17	32	1.46	50	1.57	2050
S16-3663	2/0	3	.055	1.40	1-6	1.14	32	1.46	50	1.57	1950
S16-3664	2/0	4	.055	1.40	1-6	1.28	32	1.58	60	1.69	2450
S16-3665	3/0	3	.055	1.40	1-4	1.25	32	1.56	60	1.69	2420
S16-3666	3/0	4	.055	1.40	1-4	1.40	32	1.71	60	1.84	3130
S16-3667	4/0	3	.055	1.40	1-4	1.37	32	1.71	60	1.84	2930
S16-3668	4/0	4	.055	1.40	1-4	1.54	32	1.87	60	2.00	3740
S16-3669	250	3	.065	1.65	1-4	1.52	32	1.87	60	2.00	3400
S16-3670	250	4	.065	1.65	1-4	1.72	32	2.12	60	2.25	4380
S16-3671	350	3	.065	1.65	1-3	1.75	32	2.12	60	2.25	4550
S16-3672	350	4	.065	1.65	1-3	1.97	32	2.35	60	2.51	5950
S16-3673	500	3	.065	1.65	1-2	2.02	32	2.53	75	2.63	6320
S16-3674	500	4	.065	1.65	1-2	2.28	32	2.71	75	2.87	8170
S16-3675	750	3	.080	2.03	1-1	2.48	32	3.03	85	3.21	9300

* Rated 90°C for normal operation in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.