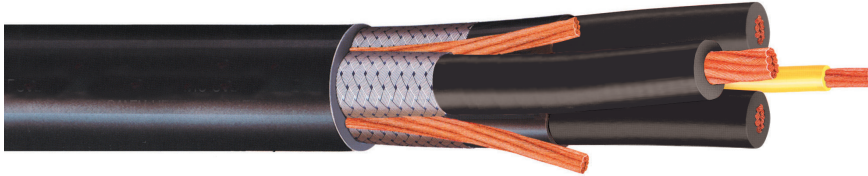


ALL-TEMP INDUSTRITE™ Shovel and Dragline Cable

Type SHD-GC / 90° C TO -40° C / 14 to 2/0 AWG / thermoset jacket / 2000 volts



Applications

ALL-TEMP INDUSTRITE™ SHD-GC cable is designed and manufactured for use as a heavy-duty trailing cable on mining equipment where flame, abrasion, chemicals, moisture, impact, tearing and temperature extremes are part of the work environment. These cables are manufactured to be resistant to harsh environments without compromising safety.

Specifications and Ratings

- Rated for continuous operation from -40°C to 90°C
- UL oil and sunlight resistant Type SHD-GC
- MSHA approved
- FT1 - FT5
- CSA listed



Optional:

- Cold temperature thermoset jacket compound for -55° C rating

Design Parameters

CONDUCTORS: Extra flexible rope stranding (Class K), soft drawn uncoated copper; per ASTM B3 and ASTM B172 for high flexibility, extended flex-life, reduced copper fatigue/conductor breakage.

INSULATION: Thermoset EPR insulation that meets and exceeds the requirements of ANSI/NEMA WC58 ICEA S-75-381 and UL 1072 and CSA No. 96 for excellent physical/electrical properties, suitable for use in extreme flexing applications.

SHIELD: Braided copper shield applied for maximum flexibility and provides corona-free shielding method, higher conductivity and improved personnel safety.

JACKET: Black, low-temp, reinforced, extra heavy duty thermoset jacket which is flame, oil and sunlight resistant and is suitable for use indoors and outdoors in severe flexing applications where oil, chemicals and extreme temperatures are considerations.



Prysmian Group

700 Industrial Drive | Lexington, SC 29072 | +1-800-845-8507 | www.prysmiangroup.com

Sales and Distribution:

22 Joseph E. Warner Blvd. | North Dighton, MA 02764 | +1-508-822-5444 | www.drakausa.com

ALL-TEMP INDUSTRITE™ Shovel and Dragline Cable

Type SHD-GC / 90° C TO -40° C / 14 to 2/0 AWG / thermoset jacket / 2000 volts

Part Number	Number of Conductor	Conductor Size	Number of Strands	Nominal Insulation Thickness in (mm)	Ground Size and Strands	Ground Check Size and Strands	Nominal Jacket Thickness in (mm)	Nominal Cable O.D. in (mm)	Approximate Cable Weight Lbs/Mft (Kg/Km)
Q011472-4	3	14 AWG	105	0.070 (1.78)	14 AWG / 41	14 AWG / 41	.125 (3.18)	0.82 (20.8)	.32 (0.48)
Q011472-5	3	12 AWG	65	0.070 (1.78)	12 AWG / 65	12 AWG / 65	.125 (3.18)	0.86 (21.8)	.38 (0.57)
Q011472-6	3	10 AWG	104	0.070 (1.78)	12 AWG / 65	12 AWG / 65	.125 (3.18)	0.91 (23.1)	.44 (0.65)
Q011472-7	3	8 AWG	168	0.070 (1.78)	10 AWG / 105	10 AWG / 105	.140 (3.56)	1.04 (26.4)	.62 (0.92)
Q011472-8	3	6 AWG	133	0.070 (1.78)	10 AWG / 105	10 AWG / 105	.155 (3.94)	1.17 (32.8)	.80 (1.19)
Q011472-11	3	4 AWG	133	0.070 (1.78)	8 AWG / 49	10 AWG / 105	.155 (3.94)	1.29 (21.8)	1.21 (1.80)
Q011472-1	3	2 AWG	133	0.070 (1.78)	6 AWG / 133	8 AWG / 49	.170 (4.32)	1.47 (37.3)	1.58 (2.35)
Q011472-9	3	1 AWG	836	0.080 (2.03)	6 AWG / 133	8 AWG / 49	.190 (4.83)	1.62 (41.1)	1.83 (2.72)
Q011472-10	3	1/0 AWG	1045	0.080 (2.03)	4 AWG / 413	8 AWG / 49	.190 (4.83)	1.68 (42.7)	2.16 (3.21)
Q011472-2	3	2/0 AWG	259	0.080 (2.03)	3 AWG / 133	8 AWG / 49	.205 (5.21)	1.87 (47.5)	2.75 (4.09)

The data herein is approximate and subject to normal manufacturing tolerances. These specifications are subject to change without notice.