



TYPE G-GC CABLE & TYPE SHD/GC

2,000–15,000 Volts



TPC WIRE & CABLE

Super-Trex® Mining Cables and Assemblies

Mining Grade Cables

TPC's Super-Trex Type G-GC and SHD-GC cables are mining grade cables built to ANSI/NEMA WC 58 & ICEA S-75-381 standards. An extra heavy-duty TSE jacket provides superior protection against abrasion, impact and cut-through which are common in harsh mining environments. Our ruggedized jacketing reduces cable downtime, and repair/maintenance costs affording more time for productive mining activities.

Our Type G-GC cables are available in traditional black jackets with non-insulated ground wires, and with a high visibility orange jacket with insulated ground wires. Our Type SHD-GC cables are available in voltages from 2kV up to 15kV.

Cable Assemblies

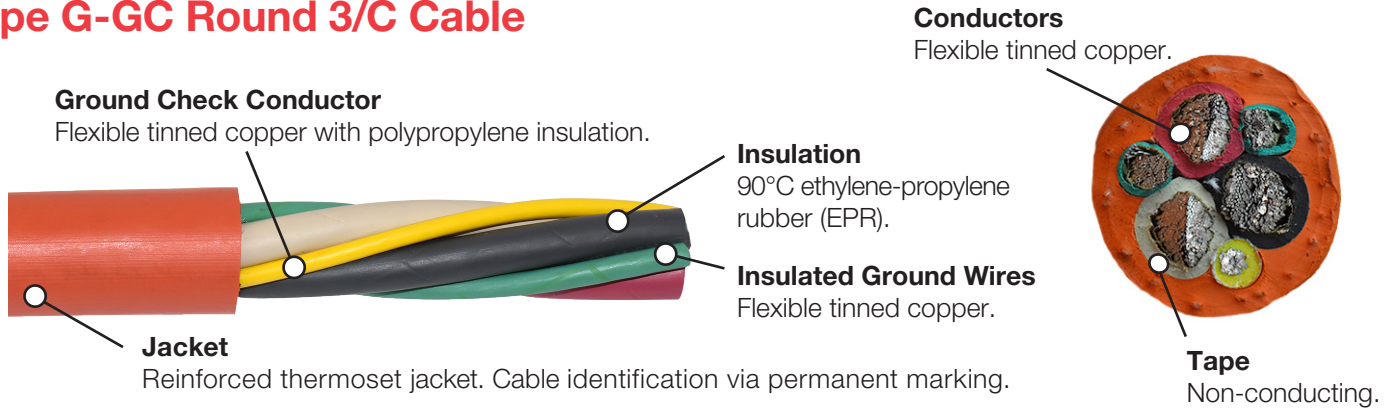
TPC offers the value-added service of terminating your G-GC and/or SHD-GC cables, either single or double-ended configurations. We are familiar with many of the cable-coupler offerings from manufacturers such as Patton & Cooke, Adalet, MCS, TJB and others.

Cable Assembly Testing

All mining cable assemblies are electrically tested prior to leaving our facility. Testing ensures the integrity and reliability of the assembly build, and that the workmanship meets our quality expectations. Our value added service leaves you with the confidence of worry free performance of your ready to install assembly.



Type G-GC Round 3/C Cable



Applications & Ratings

Heavy-duty portable power cable, constructed for use in circuits not exceeding 2,000 volts. Designed for use in applications such as; loaders, drills, conveyors, pumps, power supplies, and other mobile or stationary equipment requiring grounding conductors and ground check conductor. Rated for conductor temperatures up to 90°C.

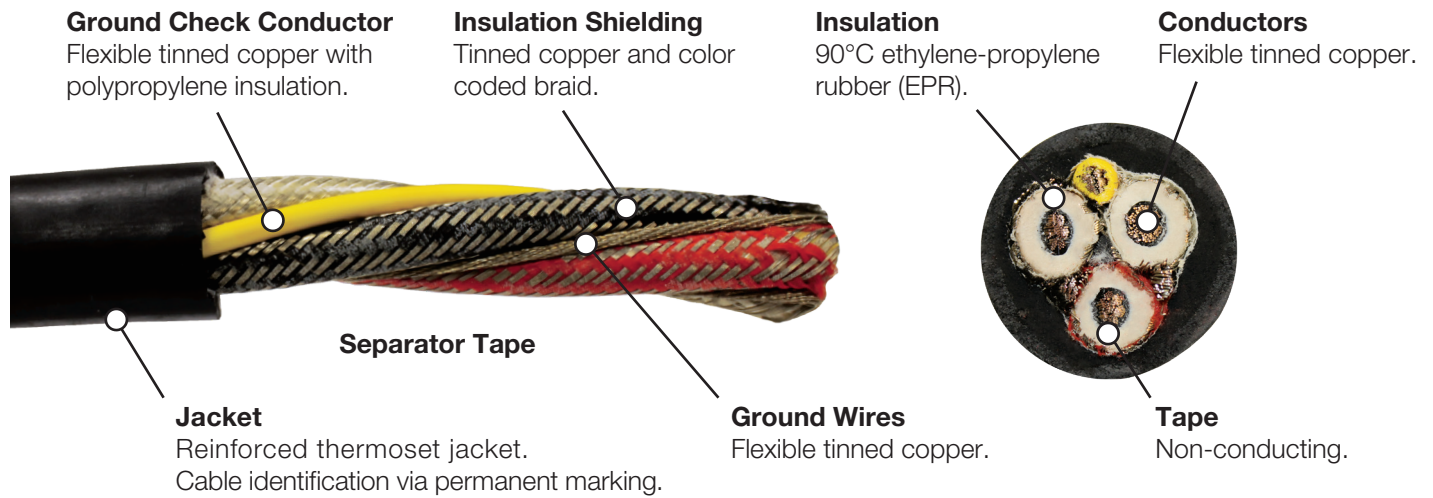
Ordering Information

2,000 VOLTS									
PART NO. ¹	PART NO. ²	POWER CONDUCTORS			GROUNDING CONDUCTORS		NOMINAL OUTSIDE DIM. (IN.)	APPROX. WT. (LBS.) PER 1000'	AMPACITY 40°C AMBIENT TEMP.
		SIZE AWG	NO. OF STRANDS	INSULATION THICKNESS (mils)	SIZE AWG	NO. OF STRANDS			
301800	301800O-IG	8	133	60	10	49	0.99	670	59
301600	301600O-IG	6	133	60	10	49	1.05	802	79
301400	301400O-IG	4	259	60	8	133	1.19	1111	104
301200	301200O-IG	2	259	60	7	133	1.33	1529	138
301100	301100O-IG	1	259	80	6	133	1.51	1886	161
301010	301010O-IG	1/0	266	80	5	133	1.63	2325	186
301020	301020O-IG	2/0	342	80	4	259	1.73	2789	215
301040	301040O-IG	4/0	532	80	2	259	2.01	4027	287
301250	301250O-IG	250	627	95	1	259	2.35	5092	320
301350	301350O-IG	350	888	95	1/0	266	2.64	6688	394
301500	301500O-IG	500	1221	95	3/0	418	3.03	8877	487

*Call for pricing & availability

NOTE: Part No. 1 – Black Jacket
Part No. 2 – Orange Jacket & Insulated Grounds

Type SHD-GC Cable



Applications & Ratings

Heavy-duty portable power cable, constructed for use in circuits not exceeding rated voltage. Designed for use in applications such as; loaders, drills, conveyors, pumps, power supplies, and other mobile or stationary equipment requiring grounding conductors, ground check conductor and copper shielding. Rated for conductor temperatures up to 90°C.

Type SHD-GC Cable Ordering Information

2,000 VOLTS									
PART NO.	POWER CONDUCTORS			GROUNDING CONDUCTORS		JACKET THICKNESS (mils)	NOMINAL OUTSIDE DIM. (IN.)	APPROX. WT. (LBS.) PER 1000'	AMPACITY 40°C AMBIENT TEMP.
	SIZE AWG	NO. OF STRANDS	INSULATION THICKNESS (mils)	SIZE AWG	NO. OF STRANDS				
302600	6	133	70	10	49	155	1.26	1076	93
302400	4	259	70	8	133	155	1.36	1308	122
302200	2	259	70	6	133	170	1.55	1874	159
302100	1	259	80	5	133	190	1.71	2340	184
302010	1/0	266	80	4	259	190	1.81	2694	211
302020	2/0	342	80	3	259	205	1.94	3301	243
302030	3/0	418	80	2	259	205	2.07	3890	279
302040	4/0	532	80	1	259	220	2.24	4701	321
302250	250	627	95	1/0	266	220	2.44	5637	355
302350	350	888	95	2/0	342	235	2.73	7194	435
302500	500	1221	95	4/0	532	265	3.10	9611	536

*Call for pricing & availability

Type SHD-GC Cable Ordering Information Continued

5,000 VOLTS									
PART NO.	POWER CONDUCTORS			GROUNDING CONDUCTORS		JACKET THICKNESS (mils)	NOMINAL OUTSIDE DIM. (IN.)	APPROX. WT. (LBS.) PER 1000'	AMPACITY 40°C AMBIENT TEMP.
	SIZE AWG	NO. OF STRANDS	INSULATION THICKNESS (mils)	SIZE AWG	NO. OF STRANDS				
305600	6	133	110	10	49	185	1.51	1543	93
305400	4	259	110	8	133	185	1.6	1849	122
305200	2	259	110	6	133	205	1.79	2358	159
305100	1	259	110	5	133	205	1.88	2430	184
305010	1/0	266	110	4	259	220	1.98	3176	211
305020	2/0	342	110	3	259	220	2.12	3689	243
305030	3/0	418	110	2	259	235	2.26	4320	279
305040	4/0	532	110	1	259	235	2.51	4699	321
305250	250	627	120	1/0	266	250	2.57	5825	355
305350	350	888	120	2/0	342	265	2.83	7414	435
305500	500	1221	120	4/0	532	280	3.18	9602	536

8,000 VOLTS									
PART NO.	POWER CONDUCTORS			GROUNDING CONDUCTORS		JACKET THICKNESS (mils)	NOMINAL OUTSIDE DIM. (IN.)	APPROX. WT. (LBS.) PER 1000'	AMPACITY 40°C AMBIENT TEMP.
	SIZE AWG	NO. OF STRANDS	INSULATION THICKNESS (mils)	SIZE AWG	NO. OF STRANDS				
308400	4	259	150	8	133	205	1.93	2152	122
308200	2	259	150	6	133	220	2.02	2767	159
308100	1	259	150	5	133	220	2.1	3131	184
308010	1/0	266	150	4	259	220	2.21	3646	211
308020	2/0	342	150	3	259	235	2.34	4161	243
308030	3/0	418	150	2	259	250	2.49	4912	279
308040	4/0	532	150	1	259	250	2.63	5561	321
308250	250	627	150	1/0	266	250	2.75	6445	355
308350	350	888	150	2/0	342	280	3.05	8106	435
308500	500	1221	150	4/0	532	295	3.39	10590	536

15,000 VOLTS									
PART NO.	POWER CONDUCTORS			GROUNDING CONDUCTORS		JACKET THICKNESS (mils)	NOMINAL OUTSIDE DIM. (IN.)	APPROX. WT. (LBS.) PER 1000'	AMPACITY 40°C AMBIENT TEMP.
	SIZE AWG	NO. OF STRANDS	INSULATION THICKNESS (mils)	SIZE AWG	NO. OF STRANDS				
315200	2	259	210	6	133	235	2.31	2973	164
315100	1	259	210	5	133	235	2.4	3832	187
315010	1/0	266	210	4	259	250	2.52	4410	215
315020	2/0	342	210	3	259	255	2.6	4830	246
315030	3/0	418	210	2	259	265	2.79	5695	283
315040	4/0	532	210	1	259	265	2.9	6381	325
315250	250	627	210	1/0	266	265	3.05	7260	359
315350	350	888	210	2/0	342	280	3.31	8861	437
315500	500	1221	210	4/0	532	280	3.72	11590	534

*Call for pricing & availability

