

Description:

- 1- Flexible soft copper conductors.
- 2- Separator tape.
- 3- Ethylene-Propylene (EP) insulation in different colors.
- 4- Flexible soft copper conductors.*
- 5- Separator tape
- 6- Ethylene-Propylene (EP) insulation in green color.
- 7- Flexible soft copper conductor*.
- 8- Separator tape
- 9- Ethylene-Propylene insulation (EP) in yellow color.
- 10- Rubberized binding tape.
- 11- Chlorinated polyethylene (CPE) jacket in black color.

* We also have the option of manufacturing tinned conductors to use under excessive corrosion conditions.

Applications:

- Flexible cords and portable cables

Features:

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- Excellent tensile strength properties
- Excellent abrasion resistance
- Excellent acid resistance
- Excellent alkalis resistance
- Excellent crushing resistance
- Excellent flexibility
- Excellent high temperatures resistance
- Excellent mechanical resistance
- Excellent moisture resistance
- Excellent oil resistance
- Excellent ozone resistance
- Excellent resistance to flame propagation
- Excellent resistance to impact
- Excellent resistance to mechanical abuse
- Excellent sunlight resistance
- Excellent tear strength resistance
- Flexible cord
- Highly reliable
- Low water absorption

Special features:

- Heavy duty portable power cable for feeding mining equipment where service conditions are severe and a ground check conductor is required as part of a low-voltage circuit that monitors the grounding conductor continuity
- It is used in open-pit and underground mines for mining equipment such as continuous miners, shutter cars, jumbos, drills, pumps, etc.
- Fire resistance according to MSHA flame test.

Standard:

- ICEA S 75-381

Voltage:

- 2 kV

Temperature:

- Normal 90°C
- Overload 130°C
- Short circuit 250°C

Installation type:

- Visible installation

Insulation:

- Ethylene-Propylene Rubber (EPR)

Jacket:

- Chlorinated polyethylene (CPE)

Quality System Certification:

- ISO 9001:2015 Quality System certified by Bureau Veritas

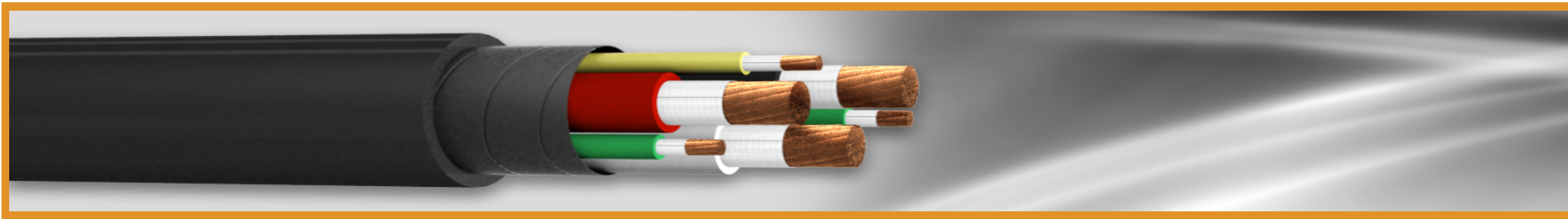
Certification:

- Mine Safety Health Administration (MSHA)

Order additional information:

- SeguriflexT.M. type G-GC cable, 2000 V, size, number of product, cable length per reel and total order length.

SEGURIFLEXT.M. TYPE G-GC CABLE, EP INSULATION 90 °C, 2 000 V



Number of Product	Voltage (V)	Size (AWG/kcmil)	Total Cross Section Area (mm2)	Number of Conductors	Nominal Conductor Diameter (in)	Nominal Insulation thickness (mils)	Nominal Diameter Over Insulation (in)	Number of grounding conductors	Grounding Conductor Size (AWG-kcmil)	Grounding Conductor Area (mm2)	Ground-Check Conductor Size (AWG-kcmil)	Nominal Ground-Check Conductor Diameter (in)	Nominal Overall Diameter (in)	Nominal cable weight (lb/1000ft)	Packaging	Color
170100009A	2 000	8	8.37	3	0.16	59.84	0.31	2	10	5.26	10	0.12	0.97	678	CARRETE	NEGRO
3002463	2 000	6	13.30	3	0.20	59.84	0.32	2	10	5.26	10	0.12	1.03	821	CARRETE	NEGRO
17010000BA	2 000	4	21.15	3	0.25	59.84	0.37	2	8	8.37	10	0.12	1.17	1 114	CARRETE	NEGRO
17010000CA	2 000	3	26.67	3	0.28	59.84	0.40	2	8	8.37	10	0.12	1.23	1 266	CARRETE	NEGRO
17010000DA	2 000	2	33.62	3	0.31	59.84	0.44	2	7	10.55	10	0.12	1.32	1 496	CARRETE	NEGRO
17010000MA	2 000	1/0	53.50	3	0.39	79.92	0.56	2	5	16.76	8	0.16	1.62	2 302	CARRETE	NEGRO
3001140	2 000	1/0	53.50	3	0.39	79.92	0.56	2	5	16.76	8	0.16	1.62	2 302	CARRETE	NEGRO
3001131	2 000	2/0	67.40	3	0.44	79.92	0.61	2	4	21.15	8	0.16	1.74	2 734	CARRETE	NEGRO
17010000NA	2 000	2/0	67.40	3	0.44	79.92	0.61	2	4	21.15	8	0.16	1.74	2 734	CARRETE	NEGRO
170100008A	2 000	3/0	85.00	3	0.49	79.92	0.66	2	3	26.67	8	0.16	1.86	3 245	CARRETE	NEGRO
3002183	2 000	4/0	107.00	3	0.55	79.92	0.72	2	2	33.62	8	0.16	2.02	3 936	CARRETE	NEGRO
17010000IA	2 000	4/0	107.00	3	0.55	79.92	0.72	2	2	33.62	8	0.16	2.02	3 936	CARRETE	NEGRO
3002713	2 000	250	127.00	3	0.60	94.88	0.80	2	2	33.62	8	0.16	2.34	4 893	CARRETE	NEGRO
17010000FA	2 000	300	152.00	3	0.66	94.88	0.86	2	1	42.41	8	0.16	2.51	5 738	CARRETE	NEGRO
17010000GA	2 000	350	177.00	3	0.71	94.88	0.91	2	1/0	53.50	8	0.16	2.64	6 513	CARRETE	NEGRO
3209564	2 000	400	203.00	3	0.76	94.88	0.96	2	1/0	53.50	8	0.16	2.77	7 229	CARRETE	NEGRO
17010000KA	2 000	450	228.00	3	0.81	94.88	1.00	2	2/0	67.40	8	0.16	2.89	8 061	CARRETE	NEGRO
3210523	2 000	500	253.00	3	0.85	94.88	1.05	2	2/0	67.40	8	0.16	2.98	8 677	CARRETE	NEGRO

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Notes:

- For constructions different from the one shown please get in contact with our Technical Assistance Department.
- Data is subject to normal manufacturing tolerances.
- *This is not a stock product. Delivery possible in specific lengths