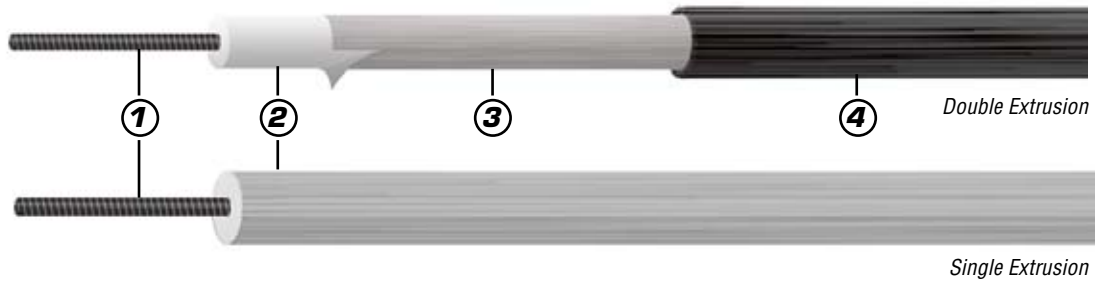


Delivering the **SPARK** that Moves the World

Ignition Cable with Wire Wound Core **ISO 3808:2002 & SAE J2031 CLASS D**



① **Wire Wound Core**

- Strength member composed of fiberglass or aramid fibers coated with conductive acrylic latex, wound with stainless steel alloy
- *Alternative: Strength member composed of fiberglass or aramid fibers coated with a ferrite-loaded conductive acrylic latex, wound with stainless steel alloy*

② **Insulation**

- Ethylene Propylene Diene Monomer (EPDM)
- *Alternative: Ethylene Propylene Diene Monomer/Silicone Blend (EPS) (Single Extrusion Only)*

③ **Separator (Double Extrusion Only)**

- Nylon Reinforcement Tape applied between Insulation and Jacket
- *Alternative(s): 1) Fiberglass Braid applied between Insulation and Jacket*
2) *No Separator*

④ **Jacket (Double Extrusion Only)**

- Ethylene Propylene Diene Monomer (EPDM)
- *Alternative(s): 1) Ethylene Vinyl Acetate (EVA)*
2) *Alternative: Ethylene Propylene Diene Monomer/ Silicone Blend (EPS)*

Performance Characteristics

- Operating Temperature Range: -30°C to 180°C (-22°F to 356°F)
- Nylon Reinforcement Tape offers superior terminal retention characteristics
- Excellent RFI suppression characteristics in accordance with SAE J551/2
- Ferrite-loaded core provides superior RFI suppression characteristics

Industry Standards

- ISO 3808:2002, Class D, Type 4*
- SAE J2031, Class D, Type 4*
- RoHS 2002/95/EC

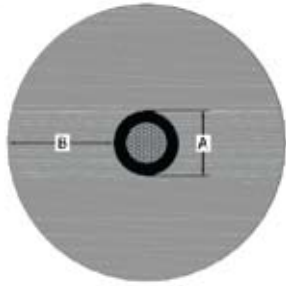
**Except Resistance to Flame Propagation and Resistance to Oil Tests on EPDM and EPS – Jacketed Constructions*

Form of Delivery

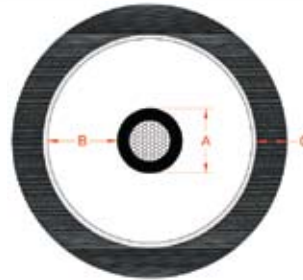
- Non-returnable plywood reels

Ignition Cable with Wire Wound Core ISO 3808:2002 & SAE J2031 CLASS D

Cross-Sectional Views



Single Extrusion



Double Extrusion

PRODUCT SPECIFICATIONS						
WIRE WOUND CORE			CABLE			
Dimension "A"		Dimension "B"	Dimension "C"			
Diameter in (mm)	Resistance @ 20°C (68°F) Ω/ft (Ω/m)	Insulation Min. Wall Thickness in (mm)	Jacket Min. Wall Thickness in (mm)	Min. Concentricity	Overall Diameter mm (in)	Strip Force 2" (51mm) lbs (N)
Double Extrusion						
065 ± .006 (1.65 ± 0.15)	450 - 550 (137 - 168) Non-Ferrite 1080 - 1320 (329 - 402) Ferrite 1536 - 1877 (5040 - 6160) Ferrite	.03 (0.8)	.03 (0.8)	70%	5 +0.3 / -0.0 (0.197 + 0.012 / -0.000)	5 - 18 (22 - 80)
065 ± .006 (1.65 ± 0.15)	450 - 550 (137 - 168) Non-Ferrite 1080 - 1320 (329 - 402) Ferrite 1536 - 1877 (5040 - 6160) Ferrite	.06 (1.5)	.04 (1.0)	70%	7 ± 0.3 (0.276 ± 0.012)	5 - 18 (22 - 80)
065 ± .006 (1.65 ± 0.15)	450 - 550 (137 - 168) Non-Ferrite 1080 - 1320 (329 - 402) Ferrite 1536 - 1877 (5040 - 6160) Ferrite	.07 (1.8)	.04 (1.0)	70%	8 ± 0.3 (0.315 ± 0.012)	5 - 18 (22 - 80)
Single Extrusion						
065 ± .006 (1.65 ± 0.15)	450 - 550 (137 - 168) Non-Ferrite 1080 - 1320 (329 - 402) Ferrite 1536 - 1877 (5040 - 6160) Ferrite	.06 (1.5)	N/A	70%	5 +0.3 / -0.0 (0.197 + 0.012 / -0.000)	5 - 18 (22 - 80)
065 ± .006 (1.65 ± 0.15)	450 - 550 (137 - 168) Non-Ferrite 1080 - 1320 (329 - 402) Ferrite 1536 - 1877 (5040 - 6160) Ferrite	.1 (2.5)	N/A	70%	7 ± 0.3 (0.276 ± 0.012)	5 - 18 (22 - 80)
065 ± .006 (1.65 ± 0.15)	450 - 550 (137 - 168) Non-Ferrite 1080 - 1320 (329 - 402) Ferrite 1536 - 1877 (5040 - 6160) Ferrite	.11 (2.8)		70%	8 ± 0.3 (0.315 ± 0.012)	5 - 18 (22 - 80)

Catalog Number	Wire Construction	Outer Jacket	Separator	Inner Insulation	Wire Size (mm)
54200	Single Extrusion (EPS)	None	None	EPS	5.0
54100	Single Extrusion (EPDM)	None	None	EPDM	5.0
54101	Double Extrusion (EVA/EPDM)	EPDM	None	EPDM	5.0
54102	Double Extrusion (EPS/EPDM)	EPS	None	EPDM	5.0
54111	Double Extrusion (EVA/EPDM)	EPDM	Nylon Tape	EPDM	5.0
54112	Double Extrusion (EPS/EPDM)	EPS	Nylon Tape	EPDM	5.0
54121	Double Extrusion (EPDM/EPDM)	EPDM	Fiberglass Braid	EPDM	5.0
54104	Double Extrusion (EVA/EPDM)	EVA	None	EPDM	5.0
54122	Double Extrusion (EVA/EPDM)	EPS	Fiberglass Braid	EPDM	5.0
54114	Double Extrusion (EVA/EPDM)	EVA	Nylon Tape	EPDM	5.0
54124	Double Extrusion (EVA/EPDM)	EVA	Fiberglass Braid	EPDM	5.0
74100	Single Extrusion (EPDM)	None	None	EPDM	7.0
74200	Single Extrusion (EPS)	None	None	EPS	7.0
74101	Double Extrusion (EVA/EPDM)	EPDM	None	EPDM	7.0
74102	Double Extrusion (EPS/EPDM)	EPS	None	EPDM	7.0
74111	Double Extrusion (EVA/EPDM)	EPDM	Nylon Tape	EPDM	7.0
74112	Double Extrusion (EPS/EPDM)	EPS	Nylon Tape	EPDM	7.0

Catalog Number	Wire Construction	Outer Jacket	Separator	Inner Insulation	Wire Size (mm)
74121	Double Extrusion (EPDM/EPDM)	EPDM	Fiberglass Braid	EPDM	7.0
74122	Double Extrusion (EVA/EPDM)	EPS	Fiberglass Braid	EPDM	7.0
74104	Double Extrusion (EVA/EPDM)	EVA	None	EPDM	7.0
74114	Double Extrusion (EVA/EPDM)	EVA	Nylon Tape	EPDM	7.0
74124	Double Extrusion (EVA/EPDM)	EVA	Fiberglass Braid	EPDM	7.0
84100	Single Extrusion (EPDM)	None	None	EPDM	8.0
84102	Double Extrusion (EPS/EPDM)	EPS	None	EPDM	8.0
84101	Double Extrusion (EVA/EPDM)	EPDM	None	EPDM	8.0
84200	Single Extrusion (EPS)	None	None	EPS	8.0
84112	Double Extrusion (EPS/EPDM)	EPS	Nylon Tape	EPDM	8.0
84111	Double Extrusion (EVA/EPDM)	EPDM	Nylon Tape	EPDM	8.0
84122	Double Extrusion (EVA/EPDM)	EPS	Fiberglass Braid	EPDM	8.0
84121	Double Extrusion (EPDM/EPDM)	EPDM	Fiberglass Braid	EPDM	8.0
84104	Double Extrusion (EVA/EPDM)	EVA	None	EPDM	8.0
84114	Double Extrusion (EVA/EPDM)	EVA	Nylon Tape	EPDM	8.0
84124	Double Extrusion (EVA/EPDM)	EVA	Fiberglass Braid	EPDM	8.0



4 Tesseneer Drive, Highland Heights, Kentucky 41076-9753

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Phone: (800) 438-7314
Fax: (859) 572-8470
Email: Info@generalcable.com
www.generalcable.com
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