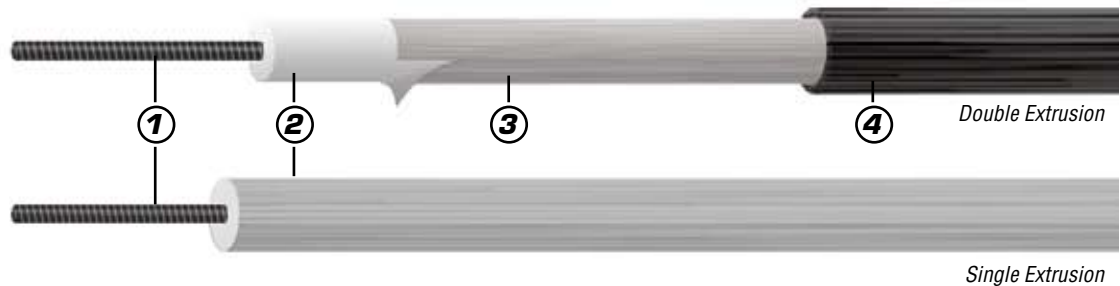


Delivering the *SPARK* that Moves the World

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



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) (Double Extrusion Only)
- *Alternative: Ethylene Vinyl Acetate (EVA)*

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)**

- Silicone
- *Alternative: Ethylene Vinyl Acetate (EVA)*

Performance Characteristics

- Operating Temperature Range: -40°C to 220°C (-40°F to 428°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
- Silicone Jacket offers superior heat protection

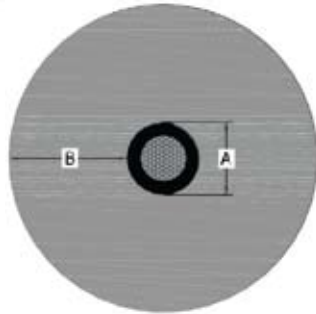
Industry Standards

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

Form of Delivery

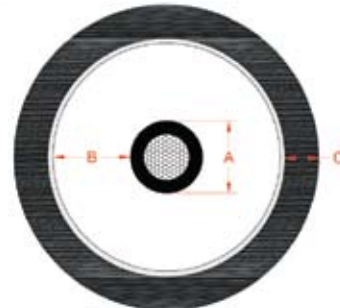
- Non-returnable plywood reels

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



Single Extrusion

Cross-Sectional Views



Double Extrusion

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

Catalog Number	Wire Construction	Outer Jacket	Separator	Inner Insulation	Wire Size (mm)	Catalog Number	Wire Construction	Outer Jacket	Separator	Inner Insul.	Wire Size (mm)
54400	Single Extrusion (EVA)	None	None	EVA	5.0	84424	Double Extrusion (EVA/EVA)	EVA	Fiberglass Braid	EVA	8.0
54414	Double Extrusion (EVA/EVA)	EVA	Nylon Tape	EVA	5.0	54113	Double Extrusion (Silicone/EPDM)	Silicone	Nylon Tape	EPDM	5.0
54424	Double Extrusion (EVA/EVA)	EVA	Fiberglass Braid	EVA	5.0	54123	Double Extrusion (Silicone/EPDM)	Silicone	Fiberglass Braid	EPDM	5.0
74400	Single Extrusion (EVA)	None	None	EVA	7.0	74113	Double Extrusion (Silicone/EPDM)	Silicone	Nylon Tape	EPDM	7.0
74414	Double Extrusion (EVA/EVA)	EVA	Nylon Tape	EVA	7.0	74123	Double Extrusion (Silicone/EPDM)	Silicone	Fiberglass Braid	EPDM	7.0
74424	Double Extrusion (EVA/EVA)	EVA	Fiberglass Braid	EVA	7.0	84113	Double Extrusion (Silicone/EPDM)	Silicone	Nylon Tape	EPDM	8.0
84400	Single Extrusion (EVA)	None	None	EVA	8.0	84123	Double Extrusion (Silicone/EPDM)	Silicone	Fiberglass Braid	EPDM	8.0
84414	Double Extrusion (EVA/EVA)	EVA	Nylon Tape	EVA	8.0						



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