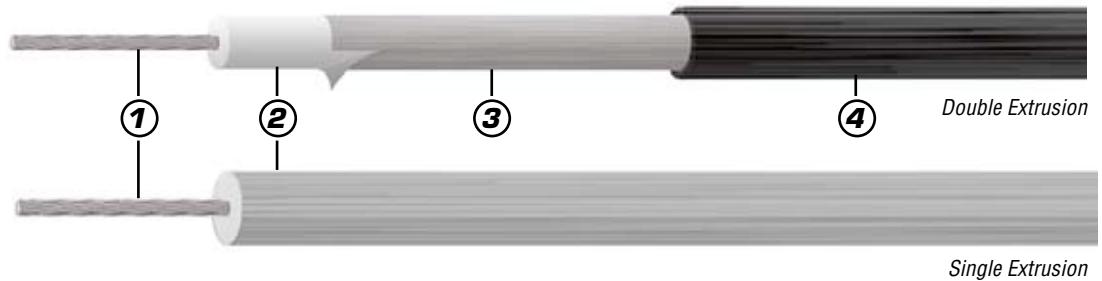


Delivering the *SPARK* that Moves the World

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



① **Copper Core**

- 16 gauge (19 strands of 29 gauge) stranded tinned copper

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: Fiberglass Braid applied between Insulation and Jacket*

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
- Silicone Jacket offers superior heat protection

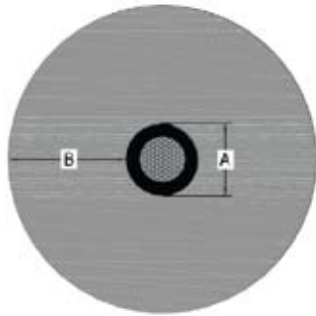
Industry Standards

- ISO 3808:2002, Class E, Type 1
- SAE J2031, Class E, Type 1
- RoHS 2002/95/EC

Form of Delivery

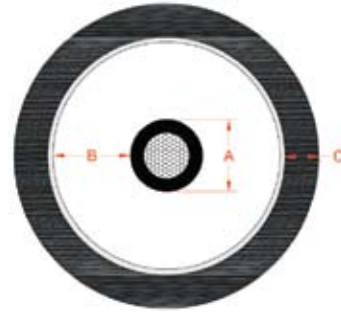
- Non-returnable plywood reels

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



Single Extrusion

Cross-Sectional Views



Double Extrusion

PRODUCT SPECIFICATIONS						
COPPER CORE		CABLE				
Dimension "A"	Resistance @ 20°C (68°F) kΩ/ft (kΩ/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						
.058 (1.5)	N/A	.06 (1.5)	.04 (1.0)	70%	7 ± 0.3 (0.276 ± 0.012)	5 - 15 (22 - 67)
Single Extrusion						
.058 (1.5)	N/A	.1 (2.5)	N/A	70%	7 ± 0.3 (0.276 ± 0.012)	5 - 15 (22 - 67)

Catalog Number	Wire Construction	Outer Jacket	Separator	Inner Insulation	Wire Size (mm)
71400	Single Extrusion (EVA)	None	None	EVA	7.0
71414	Double Extrusion (EVA/EVA)	EVA	Nylon Tape	EVA	7.0
71424	Double Extrusion (EVA/EVA)	EVA	Fiberglass Braid	EVA	7.0
71113	Double Extrusion (Silicone/EPDM)	Silicone	Nylon Tape	EPDM	7.0
71123	Double Extrusion (Silicone/EPDM)	Silicone	Fiberglass Braid	EPDM	7.0



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AUT-0086-1008