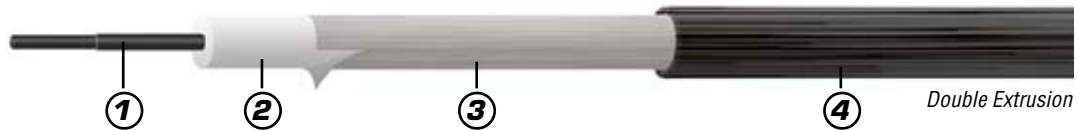


Delivering the **SPARK** that Moves the World

Ignition Cable with Silicone-Extruded Core **ISO 3808:2002 & SAE J2031 CLASS E**



① **Silicone-Extruded Core**

- Strength member composed of fiberglass or aramid fibers coated with conductive acrylic latex, with a layer of semi-conductive silicone extruded over the base core
- *Alternative: Strength member composed of conductive fiberglass with a layer of semi-conductive silicone extruded over the base core*

② **Insulation**

- Ethylene Propylene Diene Monomer (EPDM)
- *Alternative: Ethylene Vinyl Acetate (EVA)*

③ **Separator**

- Nylon Reinforcement Tape applied between Insulation and Jacket
- *Alternative: Fiberglass Braid applied between Insulation and Jacket*

④ **Jacket**

- 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
- Silicone Jacket offers superior heat protection

Industry Standards

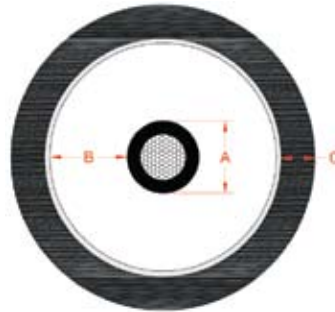
- ISO 3808:2002, Class E, Type 3B
- SAE J2031, Class E, Type 3
- RoHS 2002/95/EC

Form of Delivery

- Non-returnable plywood reels

Ignition Cable with Silicone-Extruded Core ISO 3808:2002 & SAE J2031 CLASS E

Cross-Sectional View



Double Extrusion

PRODUCT SPECIFICATIONS						
SILICONE-EXTRUDED 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)			
.080 ± .008 (2.0 ± 0.2)	3 - 7 (9.8 - 23)	.06 (1.5)	.03 (0.8)	70%	7 ± 0.3 (0.276 ± 0.012)	5 - 15 (22 - 67)
.080 ± .008 (2.0 ± 0.2)	3 - 7 (9.8 - 23)	.08 (2.0)	.03 (0.8)	70%	8 ± 0.3 (0.315 ± 0.012)	5 - 15 (22 - 67)

Catalog Number	Wire Construction	Outer Jacket	Separator	Inner Insulation	Wire Size (mm)
75414	Double Extrusion (EVA/EVA)	EVA	Nylon Tape	EVA	7.0
75424	Double Extrusion (EVA/EVA)	EVA	Fiberglass Braid	EVA	7.0
85414	Double Extrusion (EVA/EVA)	EVA	Nylon Tape	EVA	8.0
85424	Double Extrusion (EVA/EVA)	EVA	Fiberglass Braid	EVA	8.0
75113	Double Extrusion (Silicone/EPDM)	Silicone	Nylon Tape	EPDM	7.0
75123	Double Extrusion (Silicone/EPDM)	Silicone	Fiberglass Braid	EPDM	7.0
85113	Double Extrusion (Silicone/EPDM)	Silicone	Nylon Tape	EPDM	8.0
85123	Double Extrusion (Silicone/EPDM)	Silicone	Fiberglass Braid	EPDM	8.0



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