

Delivering the *SPARK* that Moves the World

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



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**

- Silicone

③ **Separator**

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

④ **Jacket**

- Silicone

Performance Characteristics

- Operating Temperature Range: -50°C to 250°C (-58°F to 482°F)
- Nylon Reinforcement Tape offers superior terminal retention characteristics
- Excellent RFI suppression characteristics in accordance with SAE J551/2
- Triple Silicone construction offers ultimate heat protection

Industry Standards

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

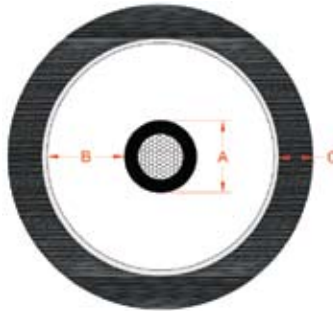
Form of Delivery

- Non-returnable plywood reels

Ignition Cable with Silicone-Extruded Core

ISO 3808:2002 & SAE J2031 CLASS F

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)
75313	Double Extrusion (Silicone)	Silicone	Nylon Tape	Silicone	7.0
75323	Double Extrusion (Silicone)	Silicone	Fiberglass Braid	Silicone	7.0
85313	Double Extrusion (Silicone)	Silicone	Nylon Tape	Silicone	8.0
85323	Double Extrusion (Silicone)	Silicone	Fiberglass Braid	Silicone	8.0



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