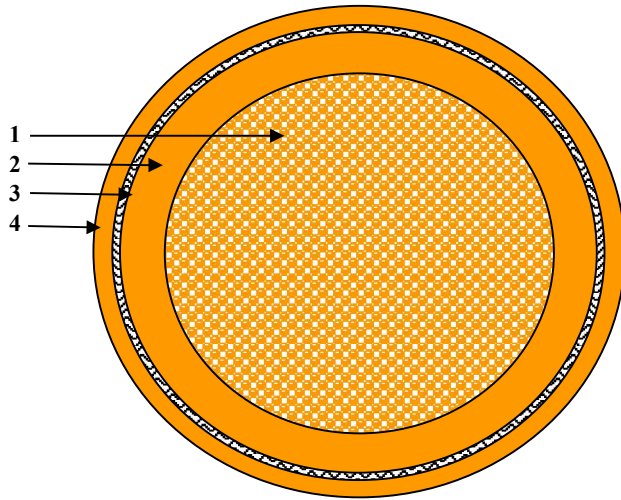


REV. 0	DESCRIPTION Initial release.	DATE 10/3/2013
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**General Properties** High Voltage 1/0 EXTRAD FX Bare Copper Shielded Cable

**Application** Hybrid or Electric Powered Vehicles

**General Composition of Cable** See Below



**Color Code**

Inner	TBD
Outer Jacket	TBD

Physical Data	Description	Dimensions (Nom.)	
		inches	mm
1. Conductor:	1/0 1007/30 bare copper	0.390 +/- .015	9.91
2. Insulation:	EXRAD FX wall thickness: 50 mil	0.490	12.45
3. Shield	34 AWG tinned copper 90% minimum coverage	0.518	13.16
4. Jacket	EXRAD FX-UV wall thickness: 45 mil	0.608	15.44
		Outside diameter tolerance	+/- 0.015 +/- 0.38mm

**Electrical Data**

Conductor Resistance:: 0.108 ohms/kft 0.356 ohms/km @20° C nominal

Voltage Rating 1,000 volts max AC , Tested to UL 758 Section 28 and per SAE 1654

**General Data**

Use: High Voltage Power Cables for Electric or Hybrid Vehicles

Temperature Rating: ISO 6722 Class D 150°C

Temperature Range: -70° C to +150° C 3,000+ Hours


Primary Insulation Meets Requirements of ISO 6722 Class D 150°C

Jacket Insulation Meets Requirements of ISO 6722 Class D 150°C

UV Resistance Passes 1,500 Hour Exposure to Xenon Light

Weight 435 pounds/kft

Minimum Static Bend Radius: inches mm  
2.7 70

 175 HERCULES DRIVE COLCHESTER, VT 05446 802-654-4200	TITLE		1/0 BC EXTRAD FX/UV Shielded Cable	
	DRN. Steve Blum		DATE 10/3/2013	
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