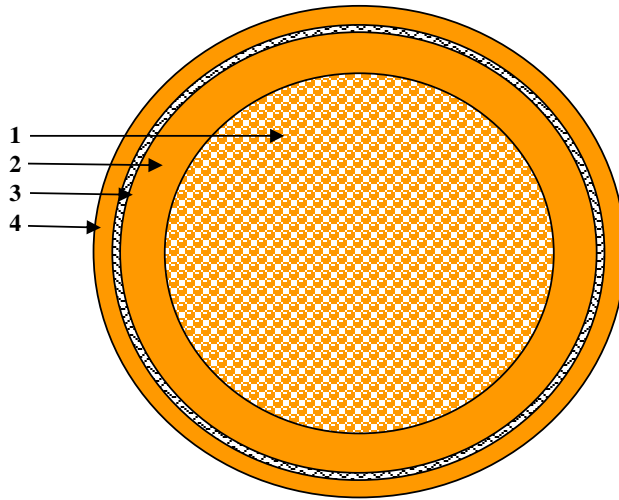


REV.	DESCRIPTION	DATE
0	Initial release.	3/12/2013
1	added <D> to diameter tolerance	11/16/2018
General Properties	High Voltage 3/0 EXTRAD FX Bare Copper Shielded Cable	
Application	Hybrid or Electric Powered Vehicles	
General Composition of Cable	See Below	



Color Code	
Inner	Orange
Outer Jacket Option 1	Orange
Outer Jacket Option 2	Org/Blk


Physical Data	Description	Dimensions (Nom.)	
		inches	mm
1. Conductor:	3/0 1,615/30 bare copper	0.475 +/- .015	12.07
2. Insulation:	EXRAD FX wall thickness: 55 mil	0.585	14.86
3. Shield	34 AWG tinned copper 90% minimum coverage	0.613	15.57
4. Jacket	EXRAD FX-UV wall thickness: 45 mil	0.703	17.86
	<D> Outside diameter tolerance	+/- 0.015	+/- 0.38mm

Electrical Data

Conductor Resistance:: 0.070 ohms/kft 0.23 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 652 pounds/kft
Minimum Static Bend Radius: inches mm
3.2 80

 175 HERCULES DRIVE COLCHESTER, VT 05446 802-654-4200	TITLE		3/0 BC EXTRAD FX Shielded Cable	
	DRN. Rick Antic		DATE 3/12/2013	
	CKD.		DATE	
	SIZE A	PART NUMBER 15-07997	DOCUMENT NUMBER 14449	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES			PAGE 1 of 1	
DO NOT SCALE THIS DRAWING				