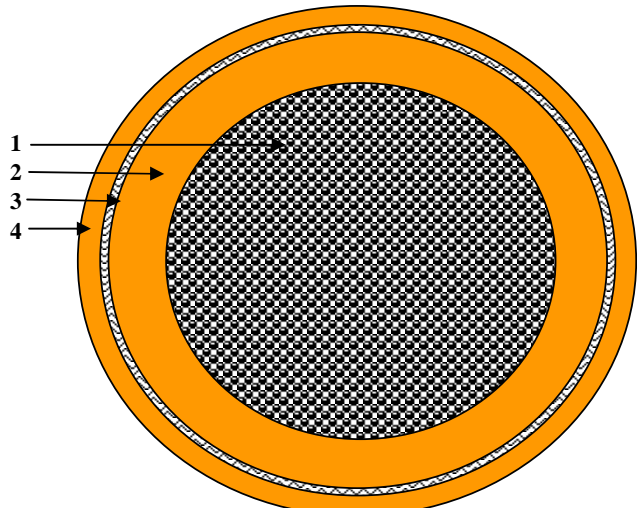
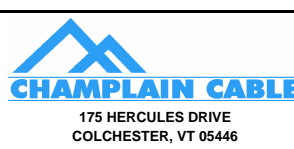


REV.	DESCRIPTION	DATE
0	Initial release.	6/23/2009
1	Change Wall Thickness and Bend Radius	7-16-09
2	Updated temperature and smoke emissions	12/28/2009
<b>General Properties</b>	High Voltage 4/0 EXTRAD Low Smoke Zero Halogen Cable	
<b>Application</b>	Hybrid or Electric Powered Vehicles	
<b>General Composition of Cable</b>	See Below	
		
<b>Color Code</b> Inner            Orange Outer Jacket   Orange		
<b>Physical Data</b>		
Description		Dimensions (Nom.)
		inches      mm
1. Conductor:	4/0 2107/30 tinned copper	0.600 +/- .015    15.24
2. Insulation:	EXRAD 150 ZH wall thickness: 65 mil	0.730            18.54
3. Shield	34 AWG tinned copper braid 85% minimum coverage	0.758            19.25
4. Jacket	EXRAD 150 ZH wall thickness: 30 mil	0.818            20.78
	Outside diameter tolerance	+/- 0.015      +/- 0.38mm
Print Legend: 89954SOCN362A9763P1, 4/0 AWG, 2000V, 150C 3XWR5 @@@@		
<b>Electrical Data</b>		
Conductor Resistance::	0.052 ohms/kft 0.17 ohms/km @20° C nominal	
Voltage Rating	2000 volts max DC , Tested to UL 758 Section 28	
<b>General Data</b>		
Use:	High Voltage Power Cables for Electric or Hybrid Vehicles	
Temperature Range:	-25° C to +110° C 51,480 Hours	
Primary Insulation	Meets Requirements of ISO 6722 Class D 150° C	
Jacket Insulation	Meets Requirements of ISO 6722 Class D 150° C	
Smoke Emission	ASTME662 100 in. per 90 seconds, pass	
Bend Radius:	inches            mm	
	5.50              139.8	
 175 HERCULES DRIVE COLCHESTER, VT 05446 802-654-4200		
<b>TITLE</b> 4/0 TC EXTRAD Low Smoke Zero Halogen Shielded Cable		
<b>UNLESS OTHERWISE SPECIFIED,  DIMENSIONS AND TOLERANCES  ARE IN INCHES</b>  DO NOT SCALE THIS DRAWING	DRN.	DATE
	Rick Antic	6/23/2009
	CKD.	DATE
SIZE	PART NUMBER	DOCUMENT NUMBER
A	15-07722-001	13810
The information on this drawing is the proprietary property of Champlain Cable Corporation, and may not be used, reproduced or disclosed to others, in whole or in part, without written authorization.		
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