

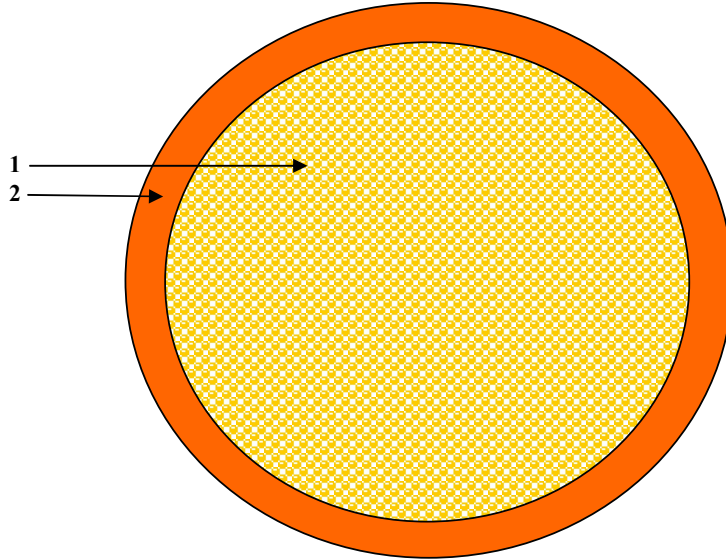
REV.	DESCRIPTION	DATE
0	Initial release.	3/28/2011

General Properties

1/0 1007/30 BC XLE High Voltage, High Flex Cable

General Composition of Cable

See Below



Color Code

Insulation Orange

Physical Data

Description		Dimensions (Nom.)
		inches mm
1. Conductor:	1/0 1007/30 Bare copper	0.390 9.91
2. Insulation:	EXRAD XLE wall thickness: 55 mil nominal	0.500 12.70

Print Champlain Cable 14096 XXXXXX

Electrical Data	Conductor Resistance::	0.108 ohms/kft @20° C nominal
	Voltage Rating:	1000 Volts

General Data	Use:	Hybrid and Electric Vehicle
	Temperature Range:	-70° C to +150° C per ISO 6722
	Meet Requirements of	ISO 6722
	Insulation Resistance	100 MegaOhm/1000 feet
	Oil Resistance 90°C	5% Swell
	Concentricity	70% min.
	Flame	ISO 6722 0 Sec
	Finished Weight	358 pounds/mft
	Bend Radius:	inches mm
		2.50 63.6



TITLE	1/0 1007/30 BC EXRAD XLE	
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING	DRN.	Rick Antic	DATE	3/28/2011
	CKD.		DATE	
	SIZE	PART NUMBER	DOCUMENT NUMBER	
	A	21-00000	14097	

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