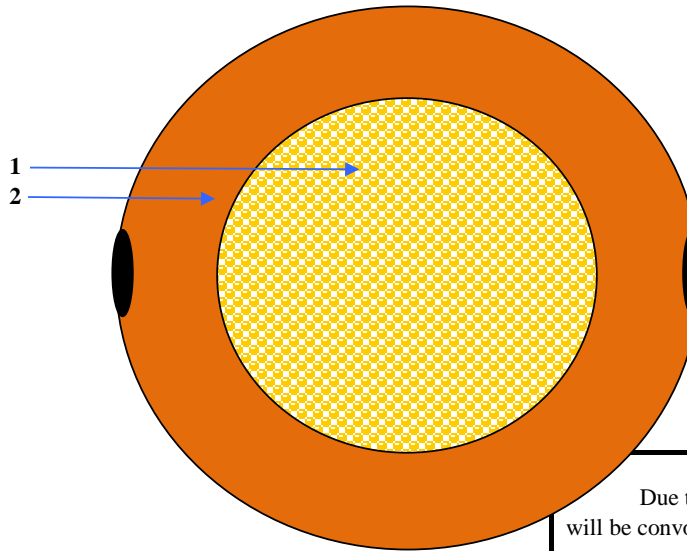


REV.	DESCRIPTION	DATE
0	Initial release.	2/18/2015
1	Add Stripe width (st)	5/22/2017
General Properties	Highly Flexible, 8 AWG Tinned Copper EXTRAD HVFX 1000 Volt Cable	
Application	Electric Vehicles	



Color Code

15-08130-001 Orange with Blk Stripe
Packaged 2500ft/24" wood spool

Please Note:
Due to the concentric conductor the insulation will be convoluted as conductor rope components affect cable roundness.

Physical Data

Description		Dimensions (Nom.)	
		inches	mm
1. Conductor:	8 168/30 tinned copper	0.169	4.29
2. Insulation:	EXRAD HVFX wall thickness: 30 mil	0.229	5.82
		Tol +/- .010	+/- .025
Print	Champlain Cable 8 AWG HVFX 1000 volts XXXXX XXXXXX = 5-digit audit sheet number		
Stripe width:	.070" 1.78 mm	Tol +/- .010"	+/- 0.254

Electrical Data

Conductor Resistance:: 0.650 ohms/kft 2.13 ohms/km @20° C nominal
Voltage Rating: 1000 Volts per SAE 1654

General Data

Use: Electric Vehicles
Temperature Range: -55° C to +150° C per ISO 6722-1 3000 hours
Primary insulation Meets Requirements of ISO6722-1 Class D 150C

Weight 62 lbs./kft
Bend Radius: inches mm
0.7 17



TITLE		8awg 168/30 TC AWG EXTRAD HVFX 15-08130-001 Orange with Black Stripe. Packaged 2500ft per 24" wood spool	
DRN.		DATE	
Richard Antic		2/18/2015	
CKD.		DATE	
SIZE	PART NUMBER	DOCUMENT NUMBER	
A	15-08130-001	14966	

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS AND TOLERANCES
ARE IN INCHES

DO NOT SCALE THIS DRAWING

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