

# THERM-O-LINK INC.

10513 Freedom Street  
GARRETTSVILLE, OHIO 44231

(330) 527-2124  
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## Material Specification

Customer: IEWC

TOL Part Number: 3173-18-16-T  
Customer Part Number : 3173/18T16-9

Description: 18 GA AWM UL 3173 125 DEGC 600V XLPE  
16 STRANDS TINNED COPPER

Conductor (Stranding): 16 x 30 AWG Tinned Copper , UL  
Conductor OD (Nom) 0.047 inches  
Max. Lay Length: 1.5 inch Lay (**8 Twists per feet**)  
Min Avg Wall Thickness: 0.030 inches  
Min O. D: 0.106 inches  
Nom O.D : 0.109 inches  
Max Runout: 0.008 inches  
**Insulation Strip Limits: 5 lb (min)-12 lb (max)**  
Circular Mils (CMA): 1588 (Min)  
Low End Temp Rating : Minus 10 DegC (Continuous Operation )  
Surface Print: 18 AWG RU AWM STYLE 3173 XLPE 125C 600V  
E73051 CSA CL1251 XLPE 125C 600V OR AWM IA/B  
125C 600V FT2 LL 46012

### Specification Reference Data

SAE: N/A	Ford: N/A	Chrysler: N/A
UL : AWM 3173/ STD 758	CSA: C22.2 # 127-2009	Packard: N/A
Other: N/A		

Therm-O-Link, Inc. certifies that the above specifications are met or exceeded in the production of this product.

Verified By: Mir Hussain (Corporate Quality Engineer)

Date: 5-1-2014  
Mat'l Spec Form ( #F-0270 )

Rev. 0

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