

# THERM-O-LINK INC.

10513 Freedom Street  
GARRETTSVILLE, OHIO 44231

(330) 527-2124  
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## Material Specification

Customer: IEWC

TOL Part Number: **SIS-12-65-T**  
Customer Part Number: SIS12T65-XXX

Description: 12 AWG(3.31 MM<sup>2</sup>) SIS 90 DEGC , 3173 XLPE 125 DEGC 600V, 65 OR 64 STRANDS TINNED

AWG: 12 Gauge

Conductor (Stranding): 65 X 30 AWG Tinned Copper, UL  
Conductor OD (Nom) 0.089 inches  
Max. Lay Length: 2.0 inch Lay  
Min Avg Wall Thickness: 0.030 inches  
Min. O.D : 0.150 inches  
Nom. O. D: 0.153 inches  
Circular Mils (CMA): 6399 (Min)  
Strip Force 5 lbs (min) - 22 lbs (max)  
Surface Print: 12 AWG (3.31 mm<sup>2</sup>) (UL) SIS 600V E7088 OR AWM STYLE 3173 XLPE 125C 600V CSA SIS 90C 600V FT2 OR CL1251 XLPE 125C 600V LL25850

### Specification Reference Data

SAE: N/A

Ford: N/A

Chrysler: N/A

Packard: N/A

Other: UL / CSA SUB 44

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: 6-3-2014

Mat'l Spec Form ( #F-0270 )

Rev. 0

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