

# THERM-O-LINK INC.

10513 Freedom Street  
GARRETTSVILLE, OHIO 44231

(330) 527-2124  
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## Material Specification

**Customer: IEWC**

TOL Part Number: **XHHW/SIS-F-12-2005**

Description: 12 AWG(3.31mm<sup>2</sup>) XHHW-2 & SIS (VW-1) DUAL  
RATED, XLPE INSULATED 90 Deg C 600V, c(UL)  
65 STRANDS TINNED

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 : 0.149 inches  
Nom. O.D: 0.152 inches  
Max Runout: 0.008 inches  
Strip Force: 5 lbs (min) –22 lbs (max)  
Circular Mils (CMA): 6334 (Min)  
Surface Print: 12 AWG (3.31mm<sup>2</sup>) (UL) XHHW-2 OR SIS VW-1 600V  
E7088 CSA c(UL) R90 600V FT1 FT2 LL25850

**This product is RoHS Compliant**

### Specification Reference Data

SAE: N/A	Ford: N/A	Chrysler: N/A
Packard: N/A	Other: UL STD 44 / CSA 22.2#127-2009	

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: 9-25-2014