

# THERM-O-LINK INC.

10513 Freedom Street  
GARRETTSVILLE, OHIO 44231

(330) 527-2124  
FAX: (330) 527-2123

## Material Specification

Customer: IEWC

TOL Part Number: **XHHW/SIS-F-12-2005**  
Spec Revision Level: A2  
Customer Part Number: SIS12T65-X

Description: 12 AWG (3.31mm<sup>2</sup>) XHHW-2 & SIS (VW-1) DUAL  
RATED, XLPE INSULATED 90 DegC 600V,  
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 : 0.150 inches  
Nom. O.D: 0.153 inches  
Max Runout: 0.008 inches  
Strip Force: 1" Strippable  
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 Product Engineering Manager)

Date: 2-25-2020