

# 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-10-1005**  
Customer Part Number: SIS10T105-X

Description: 10 AWG (5.26mm<sup>2</sup>) XHHW-2 & SIS (VW-1) DUAL RATED **EPCV**  
SUPEROHM INSULATED 90 DEG C 600V, 105 STRANDS TINNED WITH  
**c(UL)** MARKING

Conductor (Stranding): 105 X 30 AWG Tinned Copper , UL  
Conductor OD (Nom) 0.115 inches  
Max. Lay Length: 2.5 inch Lay  
Min Avg Wall Thickness: 0.030 inches  
Min. O.D: 0.175 inches  
Nom. O. D: 0.178 inches  
Max Runout: 0.008 inches  
Strip Force: 5lbs (min) – 24lbs (max)  
Circular Mils (CMA): 10069 (Min)  
Surface Print: 10 AWG (5.26mm<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**

**Insulation Compound : EPCV Compound with excellent Heat, Radiation, Crush, Deformation Resistance at high temperatures and Superior Flexibility.**

**Passes Cold Bend Test @ Minus 40C for 4 Hours.**

**It is not Halogen Free.**

### 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: 7-2-2014