

**PRODUCT SPECIFICATION**

CS# 2016049



\* Picture for reference only

**PRODUCT:**

 T90/THHN  
 600 Volts  
 90°C Dry / 75°C Wet

**SPECIFICATIONS:**

 CSA C22.2 No. 75-08 - T90/TWN75  
 UL 83 - THHN/THWN  
 UL 1063 - MTW  
 ASTM B-3, B-787

**CONSTRUCTION DATA:**

SIZE (AWG)	STRANDS	INSULATION THICKNESS (MILS)	JACKET THICKNESS (MILS)	NOM. OD (MILS)	NOM. WT. (LBS/MFT)
14	19	15	4	109	16
12	19	15	4	128	24
10	19	20	4	161	38
8	19	30	5	213	63
6	19	30	5	249	95
4	19	40	6	318	152
3	19	40	6	346	189
2	19	40	6	378	234
1	19	50	7	435	300
1/0	19	50	7	474	372
2/0	19	50	7	518	462
3/0	19	50	7	568	575
4/0	19	50	7	624	718

- All values should be considered nominal and subject to normal manufacturing tolerances

**A. CONDUCTOR:**

Flexible stranded, soft drawn bare copper per ASTM B-3 and B-787

**B. INSULATION:**

Polyvinyl Chloride - PVC

**C. OVERALL JACKET:**

Thermoplastic Nylon

**D. SAMPLE PRINT LEGEND:**

 SOUTHWIRE E##### (UL) (AWG 12) 3,31mm<sup>2</sup> CU TYPE MTW OR THWN OR THHN  
 OR GASOLINE AND OIL RESISTANT II OR AWM 600 VOLTS VW-1 --- CSA T90 NYLON  
 OR TWN75 600 VOLTS FT1 NOM-ANCE 90(D)C --- RoHS

**REVISION TABLE:**

Written By:	RBH	4/20/2016	Rev. 0	Initial Specification Issue
Revised By:	RBH	1/18/2017	Rev. 1	Added 12 thru 4/0 AWG
Revised By:				
Revised By:				