



® **ATLAS WIRE LLC.**
 1601 Glenlake Av.
 Itasca, ILLINOIS 60143
 (847) 678-1210
 (847) 678-1281
 www.atlaswirecorp.com



Atlas Wire, LLC
 Registered to ISO9001:2015
 and IATF 16949:2016
 Itasca, IL 60143
 Reference No. 10000854



Atlas Wire, LLC
 Registered to ISO9001:2015
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#18 16/30 TINNED COPPER 1/64" PVC
 2/CONDUCTOR TWISTED
 RoHS COMPLIANT**

**AWM STYLE 1569 105c-300v OR AWM STYLE 1007 80c-300v OR
 CSA TR 64 90c OR CSA AWM 1 A/B 105c-300v**

CONDUCTOR:	#18 16/30 TINNED COPPER 1" LAY NOMINAL O.D. .048" APPROXIMATE CIRCULAR MILL AREA 1,600 WEIGHT PER THOUSAND FEET 5.00# BASIC SPECIFICATION ASTM B 174
PVC:	TEMPERATURE RATING UL1007 80c UL1569 105c VOLTAGE RATING 300 VOLTS ELONGATION 330% AVERAGE SPECIFIC GRAVITY 1.32 DUROMETER (SHORE) 91 (A) TENSILE STRENGTH 2450 PSI AVERAGE OXYGEN INDEX 28 BRITTLE POINT -24c SPARK TESTED 5,000 VOLTS FINISHED OD .080" WEIGHT PER THOUSAND FEET 6.94#
CABLE:	LAY LENGTH 1 INCH WEIGHT PER THOUSAND FEET 14.30#
USE:	INTERNAL WIRING OF APPLIANCES; OR WHERE EXPOSED TO OIL AT TEMPERATURES NOT EXCEEDING 60c. WHERE NOT SUBJECT TO MOVEMENT OR MECHANICAL DAMAGE. 600v PEAK FOR ELECTRONIC USE ONLY.