



ATLAS WIRE LLC.
 9525 RIVER STREET
 SCHILLER PARK, ILLINOIS 60176
 (847) 678-1210
 (847) 678-1281 FAX
 www.atlaswirecorp.com



Atlas Wire, LLC
 Registered to ISO9001 and TS16949
 Schiller Park, IL 60176
 Reference No. 10000854
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#18 16/30 TINNED COPPER 1/64" PVC
 RoHS COMPLIANT
 2/CONDUCTOR BONDED RIBBON CABLE
 AWM STYLE 2957 105c-300v OR AWM 80c-300v OR CSA TR64 90c**

CONDUCTOR:	#18 16/30 TINNED COPPER 3/4" LAY NOMINAL O.D. .048" APPROXIMATE CIRCULAR MILL AREA 1,600 WEIGHT PER THOUSAND FEET 5.00# BASIC SPECIFICATION ASTM B 174
INSULATED SINGLES:	AWM STYLE 1569 105c-300v OR AWM STYLE 1007 80c-300v OR CSA TR64 90c OR CSA AWM 1 A/B 105c-300v
PVC:	TEMPERATURE RATING 105c VOLTAGE RATING 300 VOLTS WALL THICKNESS .016" ELONGATION 330% AVERAGE TENSILE STRENGTH 2450 PSI AVERAGE SPECIFIC GRAVITY 1.32 DUROMETER (SHORE) 91 (A) OXYGEN INDEX 28 BRITTLE POINT -24c SPARK TESTED 5,000 VOLTS FINISHED O.D. .080" WEIGHT PER THOUSAND FEET 6.98#
BONDED CABLE:	SPARK TESTED 5,000 VOLTS HEIGHT DIMENSION .080" WIDTH DIMENSION .160" WEIGHT PER THOUSAND FEET 13.96#
UL 2957 USE:	INTERNAL WIRING OF ELECTRONIC COMPUTERS AND ELECTRIC BUSINESS MACHINES.

info@atlaswirecorp.com

Revision 02-22-16