



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 TC COPPER 1/64" PVC
RoHS COMPLIANT
2/ CONDUCTOR BONDED
AWM 2957 105c-300V OR AWM 80c-300V OR CSA TR64 90c

CONDUCTOR:	#18 16/30 TINNED COPPER 1" BUNCHED 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-600v
PVC:	TEMPERATURE RATING UL1007 80c UL1569 105c VOLTAGE RATING 300 VOLTS ELONGATION 330% AVERAGE TENSILE STRENGTH 2450 PSI AVERAGE SPECIFIC GRAVITY 1.32 DUROMETER (SHORE) 91 (A) OXYGEN INDEX 28 BRITTLE POINT -24c SPARK TESTED 7,100 VOLTS FINISHED HEIGHT OD .080" WEIGHT PER THOUSAND FEET 6.94
BONDED CABLE:	SPARK TESTED 5,000 VOLTS HEIGHT DIMENSION .080" WIDTH DIMENSION .160" WEIGHT PER THOUSAND FEET 13.88
USE:	INTERNAL WIRING OF APPLIANCES WHERE NOT EXPOSED TO MOVEMENT OR MECHANICAL DAMAGE -105c; 600v PEAK FOR ELECTRONIC USE ONLY.

info@atlaswirecorp.com

Revision 08-09-18