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ATLAS WIRE CORPORATION
REGISTERED TO ISO9001:2000
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET I

**#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 1" BUNCHED 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 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 6.94#
BONDED CABLE:	SPARK TESTED 5,000 VOLTS HEIGHT DIMENSION .080" WIDTH DIMENSION .160" WEIGHT PER THOUSAND FEET 13.88#
UL 2957 USE:	INTERNAL WIRING OF APPLIANCES WHERE NOT EXPOSED TO MOVEMENT OR MECHANICAL DAMAGE -105c; 600v PEAK FOR ELECTRONIC USE ONLY.

