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

MATERIAL SPECIFICATION SHEET

**#18 16/30 TINNED COPPER 1/32" PVC
RoHS COMPLIANT
2/CONDUCTOR BONDED RIBBON CABLE
MTW/AWM STYLE 2474 105C AND CSA TEW 105C-600V
AVLV2**

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:	MTW – AWM STYLES 1335, 1013,1011, 1015, 1230, 1032. CSA TEW 105C-600V FT1 OR CSA AWM I A/B 105C-600V FT1 OR TR32 90C FT1.
PVC:	TEMPERATURE RATING 105c VOLTAGE RATING 600 VOLTS WALL THICKNESS .031" ELONGATION 330% AVERAGE TENSILE STRENGTH 2450 PSI AVERAGE SPECIFIC GRAVITY 1.32 DUROMETER (SHORE) 91 (A) OXYGEN INDEX 28 BRITTLE POINT -24c SPARK TESTED 10,000 VOLTS FINISHED O.D. .110" WEIGHT PER THOUSAND FEET 9.70#
BONDED CABLE:	SPARK TESTED 10,000 VOLTS HEIGHT DIMENSION .110" WIDTH DIMENSION .220" WEIGHT PER THOUSAND FEET 19.40#
UL 2474 USE:	INTERNAL WIRING IN ELECTRONIC EQUIPMENT AND APPLIANCES.

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