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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**

<b>CONDUCTOR:</b>	#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
<b>INSULATED SINGLES:</b>	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.
<b>PVC:</b>	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#
<b>BONDED CABLE:</b>	SPARK TESTED 10,000 VOLTS HEIGHT DIMENSION .110" WIDTH DIMENSION .220" WEIGHT PER THOUSAND FEET 19.40#
<b>UL 2474 USE:</b>	INTERNAL WIRING IN ELECTRONIC EQUIPMENT AND APPLIANCES.