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Atlas Wire Corporation
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 1/32" PVC
RoHS COMPLIANT
3/CONDUCTOR BONDED RIBBON CABLE
MTW/AWM STYLE 2474 105C AND CSA TEW 105C-600V**

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	.330"
	WEIGHT PER THOUSAND FEET	29.10#
UL 2474 USE:	INTERNAL WIRING IN ELECTRONIC EQUIPMENT AND APPLIANCES.	

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