



® **ATLAS WIRE LLC.**

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Atlas Wire, LLC
Registered to ISO9001:2015
and IATF 16949:2016
Itasca, IL 60143
Reference No. 10000854



Atlas Wire, LLC
Registered to ISO9001:2015
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#18 16/30 TC .010" PVC

RoHS COMPLIANT

UL AWM STYLE 1061 80c-300v

CSA AWM 105c-300v CLASS I A/B SR PVC

CONDUCTOR:	#18 16/30 TINNED COPPER 3/4" SMOOTH BUNCH	
	NOMINAL O.D.	.048"
	APPROXIMATE CIRCULAR MILL AREA	1,600
	WEIGHT PER THOUSAND FEET	5.00#
	BASIC SPECIFICATION	ASTM B-174
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	300
	ELONGATION	300% AVERAGE
	SPECIFIC GRAVITY	1.34
	DUROMETER (SHORE)	60 (D)
	TENSILE STRENGTH	3210 PSI
	OXYGEN INDEX	28
	BRITTLE POINT	-8c
	SPARK TESTED	3,500 VOLTS
	FINISHED O.D.	.068"
	WEIGHT PER THOUSAND FEET	6.10#
USE:	INTERNAL WIRING IN ELECTRIC BOOKKEEPING, ACCOUNTING, TIME RECORDING MACHINES, OR ELECTRONIC EQUIPMENT IF WITHIN A CHASSIS OR PROTECTED FROM MECHANICAL INJURY.	

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