



® **ATLAS WIRE LLC.**

1601 Glenlake Av.  
Itasca, ILLINOIS 60143  
(847) 678-1210  
(847) 678-1281  
www.atlaswirecorp.com



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 SOLID TC .010" PVC RoHS COMPLIANT UL AWM STYLE 1061 80c-300v CSA AWM 105c-300v CLASS I A/B SR PVC**

<b>CONDUCTOR:</b>	#18 SOLID TINNED COPPER	
	NOMINAL O.D.	.040"
	APPROXIMATE CIRCULAR MILL AREA	1,624
	WEIGHT PER THOUSAND FEET	4.97#
	BASIC SPECIFICATION	ASTM B-33
<b>PVC:</b>	TEMPERATURE RATING	105c
	VOLTAGE RATING	300V
	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.	.061"
	WEIGHT PER THOUSAND FEET	5.92#
<b>USE:</b>	INTERNAL WIRING IN ELECTRIC BOOKKEEPING, ACCOUNTING TIME RECORDING MACHINES OR ELECTRONIC EQUIPMENT IF WITHIN A CHASSIS OR PROTECTED FROM MECHANICAL INJURY.	