



® **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 7/26 TC .017" PVC**  
**RoHS Compliant**  
**MIL-16878/2 TYPE C**  
**105c - 1,000 VOLTS**

<b>CONDUCTOR:</b>	#18 7/26 TINNED COPPER 3/4"	
	NOMINAL O.D.	.048"
	APPROXIMATE CIRCULAR MILL AREA	1.779
	WEIGHT PER THOUSAND FEET	5.56#
	BASIC SPECIFICATION	ASTM B-8 ASTM B-286
<b>PVC:</b>	TEMPERATURE RATING	105c
	VOLTAGE RATING	1,000 VOLTS
	ELONGATION	330% AVG.
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	TENSILE STRENGTH	2450 PSI AVG
	SPARK TESTED	7,100 VOLTS
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	FINISHED O.D.	.082"
WEIGHT PER 1,000 FEET	7.65#	
<b>REVISION:</b>	MIL-DTL- 16878G -	PRINT REQUIRED*

\* OUR STANDARD IS PRINTED, IF NO PRINTING IS PREFERRED  
 PLEASE CALL THAT OUT AT TIME OF ORDER.