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 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 .016" PVC**  
**RoHS Compliant**  
**MIL-W-76D TYPE MWP**  
**80c - 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.	.080"
WEIGHT PER 1,000 FEET	7.49#	

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