



® **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

#16 19/29 TC .010" PVC
RoHS Compliant
MIL-16878/1 TYPE B
105c - 600 VOLTS

CONDUCTOR:	#16 19/29 TINNED COPPER 3/4"	
	NOMINAL O.D.	.057"
	APPROXIMATE CIRCULAR MILL AREA	2.409
	WEIGHT PER THOUSAND FEET	7.50#
	BASIC SPECIFICATION	ASTM B-8 ASTM B-286
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	600 VOLTS
	ELONGATION	300% AVG.
	SPECIFIC GRAVITY	1.34
	DUROMETER (SHORE)	47 (D)
	TENSILE STRENGTH	3000 PSI AVG
	SPARK TESTED	5,700 VOLTS
	OXYGEN INDEX	25
	BRITTLE POINT	-29c
	FINISHED O.D.	.077"
REVISION:	WEIGHT PER 1,000 FEET	8.76#
	MIL-DTL- 16878G -	PRINT REQUIRED*

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