



® **ATLAS WIRE LLC.**
 1601 Glenlake Av.
 Itasca, ILLINOIS 60143
 (847) 678-1210
 (847) 678-1281
 www.atlaswirecorp.com



MATERIAL SPECIFICATION SHEET

#14 19/27 TC .010" PVC
RoHS Compliant
MIL-16878/1 TYPE B
105c - 600 VOLTS

CONDUCTOR:	#14 19/27 TINNED COPPER 3/4"	
	NOMINAL O.D.	.071"
	APPROXIMATE CIRCULAR MILL AREA	3.831
	WEIGHT PER THOUSAND FEET	11.6#
	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.	.090"
	WEIGHT PER 1,000 FEET	13.12#
REVISION:	MIL-DTL- 16878G -	PRINT REQUIRED*

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