



ATLAS WIRE LLC.
9525 RIVER STREET
SCHILLER PARK, ILLINOIS 60176
(847) 678-1210
(847) 678-1281 FAX
www.atlaswirecorp.com



Atlas Wire, LLC
Registered to ISO9001 and TS16949
Schiller Park, IL 60176
Reference No. 10000854
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

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

CONDUCTOR:	#14 19/27 TINNED COPPER 1-1/4" UNILAY CONDUCTOR	
	NOMINAL O.D.	.071"
	APPROXIMATE CIRCULAR MILL AREA	3,831
	WEIGHT PER THOUSAND FEET	11.60#
	BASIC SPECIFICATION	ASTM B-8 ASTM B-286
PVC:	TEMPERATURE RATING	-55°C TO 105°C
	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
	FINISHED O.D. (Tolerance of + / - .002")	.091"
	WEIGHT PER 1,000 FEET	13.13#

STANDARD REVISION: MIL-DTL-16878H - PRINT REQUIRED*

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

info@atlaswirecorp.com

