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Atlas Wire, LLC  
 Registered to ISO9001 and TS16949

Schiller Park, IL 60176  
 Reference No. 10000854

Tucson, AZ 85714  
 Reference No. 10003647

**#14 19/27 TC .010" PVC .004" NYLON  
 RoHS COMPLIANT  
 MIL-16878/17 TYPE BN  
 105c - 600 VOLTS**

**CONDUCTOR:** #14 19/27 TINNED COPPER 1-1/4" UNILAY  
 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 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#

**NYLON:** ELONGATION 300%  
 TENSILE STRENGTH 7400 PSI @ 50%  
 RELATIVE HUMIDITY  
 SPECIFIC GRAVITY 1.13  
 OVERALL DIAMETER .098"  
 WEIGHT PER M FEET 13.66#

**REVISION:** MIL-DTL-16878G - PRINT REQUIRED\*

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

MEETS ALL REQUIREMENTS LISTED ON THE MIL-DTL-16878/17B DETAIL SPECIFICATION  
 SHEET WITH THE EXCEPTION OF ATLAS CONDITIONING FOR THE HEAT RESISTANCE  
 TEST AT 136c.

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