



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



ATLAS WIRE CORPORATION  
REGISTERED TO ISO 9002  
CERTIFICATE NO. A4894

## MATERIAL SPECIFICATION SHEET

**#24 SOLID TC .017" PVC**  
**RoHS COMPLIANT**

**MIL SPEC MIL-W-16878/2 TYPE C 105C - 1,000V OR**  
**MIL-W-76D TYPE MWP 90C - 1,000V**

**CONDUCTOR:**

#24 SOLID TINNED COPPER  
NOMINAL O.D. .0201"  
APPROXIMATE CIRCULAR MILL AREA 404  
WEIGHT PER THOUSAND FEET 1.25#  
BASIC SPECIFICATION ASTM B 33

**PVC:**

TEMPERATURE RATING TYPE C 105c  
VOLTAGE RATING 1000 VOLTS  
WALL THICKNESS .017"  
FINISHED OD .052"  
ELONGATION 330% AVERAGE  
TENSILE STRENGTH 2450 PSI AVERAGE  
SPECIFIC GRAVITY 1.32  
DUROMETER (SHORE) 91 (A)  
OXYGEN INDEX 28  
BRITTLE POINT -24c  
SPARK TESTED 5,000 VOLTS  
WEIGHT PER THOUSAND FEET 2.34#

**REVISION:**

MIL-W-16878E/2 - NO PRINTING REQUIRED\*  
MIL-W-16878G/2 - PRINT REQUIRED\*

\* OUR STANDARD IS UNPRINTED, IF PRINTING IS REQUIRED  
PLEASE CALL THAT OUT AT TIME OF ORDER.