



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

#14 41/30 TINNED COPPER .017" PVC
RoHS COMPLIANT
MIL-W- 16878/2 TYPE C 105c - 1000 v
MIL -W-76D TYPE MWP 90c - 1000 v

CONDUCTOR: #14 41/30 TINNED COPPER 1-1/2" LAY BUNCHED
APPROXIMATE NOMINAL O.D. .075"
APPROXIMATE CIRCULAR MILL AREA 4,100
WEIGHT PER THOUSAND FEET 12.80#
BASIC SPECIFICATION ASTM B 174

PVC: TEMPERATURE RATING 105c
VOLTAGE RATING 600 VOLTS
ELONGATION 330% AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
TENSILE STRENGTH 2450 PSI AVERAGE
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 5,000 VOLTS
FINISHED O.D. .109"
WEIGHT PER THOUSAND FEET 15.76#

REVISION: M1L-W-16878F/2 - NO PRINTING REQUIRED*
M1L-W-16878G/2 - PRINT REQUIRED*

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

info@atlaswirecorp.com