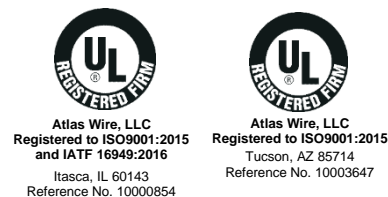




® **ATLAS WIRE LLC.**
 1601 Glenlake Av.
 Itasca, ILLINOIS 60143
 (847) 678-1210
 (847) 678-1281
 www.atlaswirecorp.com



MATERIAL SPECIFICATION SHEET

#14 41/30 TC 1/32" PVC

RoHS COMPLIANT

**MACHINE TOOL WIRE 600V N.E.C. STANDARD BOAT CABLE &
 AWM STYLES 1015 & 1230 105C – 600V OR AWM 1032 90C – 1,000V OR
 AWM 1013 & 1011 & 1335 90C – 600V
 CSA TEW OR AWM I A/B 105C-600V FT1 CSA OIL & WATER
 RESISTANT 75C FT1 CSA TR-32 90c**

CONDUCTOR: #14 41/30 TC 1 1/2"
 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 1,000 VOLTS
 ELONGATION 330% AVG
 SPECIFIC GRAVITY 1.32
 DUROMETER (SHORE) 91 (A)
 TENSILE STRENGTH 2,450 PSI AVG
 OXYGEN INDEX 28
 BRITTLE POINT -24c
 SPARK TESTED 10,000 VOLTS
 FINISHED O.D. .137"
 WEIGHT PER THOUSAND FEET 19.10#

USE: INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING
 OF APPLIANCES WHERE EXPOSED TO OIL AT A
 TEMPERATURE NOT EXCEEDING 60c.

UL1230,1335 : MOISTURE RATING 60c.
UL1032 : 3,500v PEAK FOR ELECTRONIC USE ONLY
UL 1015, 1013: 2,500v PEAK FOR ELECTRONIC USE ONLY