



ATLAS WIRE, LLC  
 1601 GLENLAKE AVENUE  
 ITASCA, IL 60143  
 (847) 678-1210  
 (847) 678-1281 FAX  
 www.atlaswirecorp.com



Atlas Wire, LLC  
 Registered to ISO9001 and TS16949  
 Itasca, IL 60143  
 Reference No. 10000854  
 Tucson, AZ 85714  
 Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#14 19/0147 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 19/0147 TC 1-1/2" LAY BUNCHED  
 APPROXIMATE NOMINAL O.D. .071"  
 APPROXIMATE CIRCULAR MILL AREA 4,106  
 WEIGHT PER THOUSAND FEET 12.80#  
 BASIC SPECIFICATION ASTM B 8  
 ASTM B 286

**PVC:** TEMPERATURE RATING 105c  
 VOLTAGE RATING 600 VOLTS  
 ELONGATION 330% AVERAGE  
 SPECIFIC GRAVITY 1.35  
 DUROMETER (SHORE) 92 (A)  
 TENSILE STRENGTH 2850 PSI AVERAGE  
 OXYGEN INDEX 29  
 BRITTLE POINT -25c  
 SPARK TESTED 8,000 VOLTS  
 FINISHED O.D. .133"  
 WEIGHT PER THOUSAND FEET 18.73#

**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