



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



Atlas Wire, LLC  
 Registered to ISO9001 and TS16949  
 Schiller Park, IL 60176  
 Reference No. 10000854  
 Tucson, AZ 85714  
 Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#14 41/30 TC 1/64" PVC WITH .031" PVC JACKET**  
**RoHS COMPLIANT**  
**DOUBLE INSULATED UL APPLIANCE WIRE**  
**AWM STYLE 1509 105c-300v VW-1**  
**CSA AWM I A/B 105c-300v FT-1**

**CONDUCTOR:** #14 41/30 TINNED COPPER 1-1/2" BUNCHED LAY  
 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 300 VOLTS  
 ELONGATION 330%  
 SPECIFIC GRAVITY 1.32  
 DUROMETER DELAYED (SHORE) 91 (A)  
 TENSILE STRENGTH 2450 PSI  
 OXYGEN INDEX 28  
 BRITTLE POINT -24c  
 SPARK TESTED 7,100 VOLTS  
 FINISHED O.D. .107"

**PVC JACKET:** TEMPERATURE RATING 105c  
 VOLTAGE RATING 300 VOLTS  
 FINISHED OD .169"  
 SPARK TESTED 10,000 VOLTS  
 WEIGHT PER THOUSAND FEET 23.63#

**USE:** INTERNAL WIRING OF APPLIANCES  
 (REINFORCED INSULATION) – 105c-300v

info@atlaswirecorp.com

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