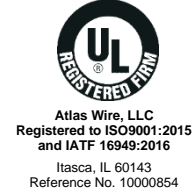




® **ATLAS WIRE LLC.**
 1601 Glenlake Av.
 Itasca, ILLINOIS 60143
 (847) 678-1210
 (847) 678-1281
 www.atlaswirecorp.com



MATERIAL SPECIFICATION SHEET

#14 41/30 TC 1/64" 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
 UL1569 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