



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 1/32" XLPE**  
**RoHS COMPLIANT**  
**CROSS LINKED POLYETHYLENE INSULATED**  
**UL APPLIANCE WIRE STYLE 3321 150c-600v**  
**CSA TYPE CL 1503 600V 150c AWM I - A/B FT2**

**CONDUCTOR:** #14 41/30 TC 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

**MOISTURE CURED  
CROSS LINKED POLYETHYLENE:**

TEMPERATURE RATING	150c
VOLTAGE RATING	600 VOLTS
SPECIFIC GRAVITY	1.09
DUROMETER INSTANTANEOUS	53 SHORE D
DUROMETER 10 SECOND DELAY	48 SHORE D
TENSILE STRENGTH	2300 PSI AVERAGE
TENSILE ELONGATION AT BREAK	425%
SPARK TESTED	8,000 VOLTS
FINISHED O.D.	.137"
WEIGHT PER THOUSAND FEET	17.78#

**UL 3173 USE:** INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 150c.

www.atlaswirecorp.com

Revision 02-19-16