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ATLAS WIRE CORPORATION  
REGISTERED TO ISO 9002  
CERTIFICATE NO. A4894

## MATERIAL SPECIFICATION SHEET

**#14 41/30 TC 1/32" XLPE  
RoHS COMPLIANT  
XLPE INSULATED APPLIANCE WIRE  
UL 3173 125C-600V  
CSA TYPE CL 1251 125C-600V AWM I A/B FT2  
SUITABLE FOR "SWITCHBOARD WIRE" IN THE UNITED STATES**

**CONDUCTOR:** #14 41/30 TINNED COPPER 1 1/2" BUNCHED  
NOMINAL O.D. .075"  
CIRCULAR MILL AREA 4,100  
WEIGHT PER THOUSAND FEET 12.8#  
BASIC SPECIFICATION ASTM B 174

**MOISTURE CURED  
CROSS LINKED POLYETHYLENE:**  
TEMPERATURE RATING 125c / -40c  
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#

**PRINTED:** 14 AWG E25635 RU AWM STYLE 3173 125c – 600v  
X-LINK SUITABLE FOR "SWITCHBOARD WIRE" IN THE  
UNITED STATES CSA 150272 TYPE CL 1251 600v – 125c  
AWM I A/B FT2

**UL 3173 USE:** INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO  
TEMPERATURES NOT EXCEEDING 125c.