



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 60176
Reference No. 10000854
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#24 7/32 BARE COPPER 1/32" PVC
UL AWM STYLES 1015/1230
UL FILE NUMBER E25635
CSA TEW LL29012

CONDUCTOR: #24 7/32 BARE COPPER 3/4" CONCENTRIC
NOMINAL O.D. .0240"
APPROXIMATE CIRCULAR MILL AREA 448
WEIGHT PER THOUSAND FEET 1.38#
BASIC SPECIFICATION ASTM B-8
ASTM B-286

**RoHS Compliant
PVC:**

TEMPERATURE RATING 105c
VOLTAGE RATING 600 VOLTS
ELONGATION 330% AVERAGE
TENSILE STRENGTH 2450 PSI AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 10,000 VOLTS
FINISHED O.D. .086"
WEIGHT PER THOUSAND FEET 4.62#

UL1015 USE: INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c. TAGS MAY INDICATE THE FOLLOWING: 2500 VOLTS PEAK - FOR ELECTRONIC USE ONLY.

UL1230 USE: INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 105c, OR WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c; MOISTURE RESISTANT, 60c.