



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 60143  
Reference No. 10000854  
Tucson, AZ 85714  
Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

### #22 7/30 TOPCOAT COPPER 1/32" PVC RoHS COMPLIANT

AWM STYLES 1015 & 1230 105C – 600V OR AWM 1032 90C – 1,000V OR  
AWM 1013 & 1011 & 1335 90C – 600V  
CSA TEW OR AWM I A/B 105C-600V FT1 CSA TR-32 90c

**CONDUCTOR:** #22 7/30 TOPCOAT CONDUCTOR 3/8" LAY  
NOMINAL O.D. .031"  
APPROXIMATE CIRCULAR MILL AREA 700  
WEIGHT PER THOUSAND FEET 2.50#  
BASIC SPECIFICATION ASTM B 470 TYPE I

**PVC:** TEMPERATURE RATING 105c  
VOLTAGE RATING 1,000 VOLTS  
ELONGATION 330% AVG  
SPECIFIC GRAVITY 1.32  
DUROMETER (SHORE) 91 (A)  
TENSILE STRENGTH 2,450 PSI AVG  
OXYGEN INDEX 28  
BRITTLE POINT -24c  
SPARK TESTED 10,000 VOLTS  
FINISHED O.D. .092"  
WEIGHT PER THOUSAND FEET 6.05#

**USE:** INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING  
OF APPLIANCES WHERE EXPOSED TO OIL AT A  
TEMPERATURE NOT EXCEEDING 60c.

**UL1230,1335 :** MOISTURE RATING 60c.  
**UL1032 :** 3,500v PEAK FOR ELECTRONIC USE ONLY  
**UL 1015, 1013:** 2,500v PEAK FOR ELECTRONIC USE ONLY

info@atlaswirecorp.com