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Atlas Wire Corporation  
Registered to ISO9001 and TS16949  
Schiller Park, IL 60176  
Reference No. 10000854  
Tucson, AZ 85714  
Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

**#16 26/30 TOPCOAT COPPER 1/32" PVC  
RoHS COMPLIANT**

**AWM 1015 & 1230 105c-600V**

**AWM 1032 90c-1,000v AWM 1013/1335 90c-600v VW-1**

**CSA TR32 90c FT1 OR TEW 105c-600v FT1 OR AWM I A/B 105c-600v  
OIL AND WATER RESISTANT 75c FT1**

**CONDUCTOR:** #16 26/30 TOPCOAT CONDUCTOR 1/2" LAY  
NOMINAL O.D. .059"  
APPROXIMATE CIRCULAR MILL AREA 2,600  
WEIGHT PER THOUSAND FEET 8.40#  
BASIC SPECIFICATION ASTM B 470 TYPE I

**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 OD .121  
WEIGHT PER THOUSAND FEET 13.67#

**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  
**UL1015,1013:** 2,500v PEAK FOR ELECTRONIC USE ONLY

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