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Schiller Park, IL 60176  
Reference No. 10000854  
Tucson, AZ 85714  
Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

### #18 16/30 PREBOND COPPER 1/64" PVC RoHS COMPLIANT

AWM STYLE 1569 105c-300v OR AWM STYLE 1007 80c-300v OR  
CSA TR64 90c OR CSA AWM 1 A/B 105c-300v

**CONDUCTOR:** #18 16/30 PREBOND 1/2" LAY  
NOMINAL O.D. .0455"  
APPROXIMATE CIRCULAR MILL AREA 1,600  
WEIGHT PER THOUSAND FEET 5.10#  
BASIC SPECIFICATION ASTM B 470 TYPE II

**PVC:** TEMPERATURE RATING UL1007 80c  
UL1569 105c  
VOLTAGE RATING 300 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 7,100 VOLTS  
FINISHED OD .078"  
WEIGHT PER THOUSAND FEET 6.96

**USE:** INTERNAL WIRING OF APPLIANCE; OR WHERE EXPOSED  
TO OIL AT TEMPERATURES NOT EXCEEDING 60c.  
WHERE NOT SUBJECTED TO MOVEMENT OR MECHANICAL  
DAMAGE. 600v PEAK FOR ELECTRONIC USE ONLY.

