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## MATERIAL SPECIFICATION SHEET

**#16 26/30 TINNED COPPER 1/64" PVC  
 2/CONDUCTOR TWISTED  
 RoHS COMPLIANT**

**AWM STYLE 1569 105c-300v OR AWM STYLE 1007 80c-300v OR  
 CSA TR 64 90c OR CSA AWM 1 A/B 105c-300v**

**CONDUCTOR:** #16 26/30 TINNED COPPER 1-1/4" BUNCHED LAY  
 NOMINAL O.D. .059"  
 APPROXIMATE CIRCULAR MILL AREA 2600  
 WEIGHT PER THOUSAND FEET 8.10#  
 BASIC SPECIFICATION ASTM B 174

**PVC:**

TEMPERATURE RATING	UL1007 80c UL1569 105c
VOLTAGE RATING	300 VOLTS
ELONGATION	330% AVERAGE
SPECIFIC GRAVITY	1.32
DUROMETER (SHORE)	91 (A)
TENSILE STRENGTH	2450 PSI AVERAGE
OXYGEN INDEX	28
BRITTLE POINT	-24c
SPARK TESTED	5,000 VOLTS
FINISHED OD	.092"
WEIGHT PER THOUSAND FEET	10.40#

**CABLE:** LAY LENGTH 1 INCH  
 WEIGHT PER THOUSAND FEET 21.42#

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