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

## MATERIAL SPECIFICATION SHEET

### #18 16/30 TC/BC .017" PVC RoHS COMPLIANT 2/CONDUCTOR RIP CORD

**ONE CONDUCTOR:** #18 16/30 TINNED COPPER 1" LAY  
NOMINAL O.D. .048"  
APPROXIMATE CIRCULAR MILL AREA 1,600  
WEIGHT PER THOUSAND FEET 5.0#  
BASIC SPECIFICATIONS ASTM B-174

**ONE CONDUCTOR:** #18 16/30 BARE COPPER 1" LAY  
NOMINAL O.D. .048"  
APPROXIMATE CIRCULAR MILL AREA 1,600  
WEIGHT PER THOUSAND FEET 5.0#  
BASIC SPECIFICATIONS ASTM B-174

**PVC:**  
TEMPERATURE RATING 105c  
VOLTAGE RATING 300 VOLTS  
WALL THICKNESS .017"  
ELONGATION 330% AVERAGE  
TENSILE STRENGTH 2450 PSI AVERAGE  
SPECIFIC GRAVITY 1.32  
DUROMETER (SHORE) 91 (A)  
OXYGEN INDEX 28  
BRITTLE POINT -24c  
SPARK TESTED 3,000 VOLTS

**DIMENSIONS:**  
FINISHED NOMINAL O.D. HEIGHT .082"  
FINISHED NOMINAL O.D. WIDTH .170"  
WEIGHT 14.18#

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