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 Reference No. 10000854  
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 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#18 16/30 BC .016" PVC WITH .005" NYLON**  
**RoHS COMPLIANT**  
**MACHINE TOOL WIRE or TFFN 600v**  
**GASOLINE AND OIL RESISTANT II**  
**or AWM STYLE 1452 1000v or 1316/1408 600v or**  
**CSA TEWN 105c-600v FT-1**

**CONDUCTOR:** #18 16/30 BC 1" BUNCHED  
 APPROXIMATE NOMINAL O.D. .048"  
 APPROXIMATE CIRCULAR MILL AREA 1,600  
 WEIGHT PER THOUSAND FEET 5.00#  
 BASIC SPECIFICATION ASTM B 174

**PVC:** TEMPERATURE RATING 105c  
 VOLTAGE RATING 600v  
 ELONGATION 330%  
 SPECIFIC GRAVITY 1.35  
 DUROMETER DELAYED (SHORE) 92 (A)  
 TENSILE STRENGTH 2850 PSI  
 OXYGEN INDEX 29  
 BRITTLE POINT -25c

**NYLON:** ELONGATION 300%  
 SPECIFIC GRAVITY 1.13  
 TENSILE STRENGTH 11,500 PSI  
 OVERALL DIAMETER .090"  
 WEIGHT PER M FEET 7.50#  
 SPARK TESTED 10,000 VOLTS

**AWM USE:** INTERNAL WIRING OF APPLIANCES. GASOLINE AND OIL RESISTANT.