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 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

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

CONDUCTOR: #18 SOLID BARE COPPER
 APPROXIMATE NOMINAL O.D. .0403"
 APPROXIMATE CIRCULAR MILL AREA 1,624
 WEIGHT PER THOUSAND FEET 4.97#
 BASIC SPECIFICATION ASTM B 3

PVC: TEMPERATURE RATING 105c
 VOLTAGE RATING 1000v
 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 .083"
 WEIGHT PER M FEET 7.21#
 SPARK TESTED 10,000 VOLTS

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