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Atlas Wire, LLC
 Registered to ISO9001 and TS16949
 Itasca, IL 60176
 Reference No. 10000854
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#18 16/30 TC .017" PVC
RoHS COMPLIANT
MIL-W-76D TYPE MWP 1000V – 90C

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

PVC:

TEMPERATURE RATING TYPE C	105c
VOLTAGE RATING	1000 VOLTS
ELONGATION	300% AVERAGE
TENSILE STRENGTH	3000 PSI AVERAGE
SPECIFIC GRAVITY	1.34
DUROMETER (SHORE)	47 (D)
OXYGEN INDEX	25
BRITTLE POINT	-55c
SPARK TESTED	7,100 VOLTS
FINISHED OD	.080"
WEIGHT PER THOUSAND FEET	7.09#

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