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Atlas Wire, LLC
 Registered to ISO9001 and TS16949
 Itasca, IL 60143
 Reference No. 10000854
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#18 41/34 TC .010" PVC
 RoHS COMPLIANT
 18 AWG E25635 RU AWM STYLE 1061 80C-300V VW-1
 CSA 150272 AWM I-A/B 80C 300V FT-1 S-R PVC**

CONDUCTOR: #18 41/34 TINNED COPPER 1" BUNCHED LAY
 NOMINAL O.D. .048"
 APPROXIMATE CIRCULAR MILL AREA 1,632
 WEIGHT PER THOUSAND FEET 5.0#
 BASIC SPECIFICATION ASTM B-174

PVC: TEMPERATURE RATING 105c
 VOLTAGE RATING 300v
 ELONGATION 300% AVG.
 TENSILE STRENGTH 3,210 PSI AVG.
 SPECIFIC GRAVITY 1.34
 DUROMETER (SHORE) 60 (D)
 OXYGEN INDEX 28
 BRITTLE POINT -8c
 SPARK TESTED 5,700 VOLTS
 FINISHED O.D. (Tolerance of +/- .002") .068"
 WEIGHT PER THOUSAND FEET 5.9#

USE: INTERNAL WIRING IN ELECTRIC BOOKKEEPING,
 ACCOUNTING, TIME RECORDING MACHINES, OR
 ELECTRONIC EQUIPMENT IF WITHIN A CHASSIS OR
 PROTECTED FROM MECHANICAL INJURY.

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