



ATLAS WIRE LLC.
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Atlas Wire, LLC
Registered to ISO9001 and TS16949
Schiller Park, IL 60176
Reference No. 10000854
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#18 7/0152 TC .010" PVC
RoHS COMPLIANT PVC
AWM STYLE 1061 80c-300v or
AWM STYLE 10002 105c-300v or
CSA AWM 105c-300v CLASS I A/B SR PVC

CONDUCTOR: #18 7/0152 TINNED COPPER 3/4" CONCENTRIC

NOMINAL O.D.	.046"
APPROXIMATE CIRCULAR MILL AREA	1,617
WEIGHT PER THOUSAND FEET	5.00#
BASIC SPECIFICATION	ASTM B-8 ASTM B-286

PVC:

TEMPERATURE RATING	105c
VOLTAGE RATING	300
ELONGATION	300% AVERAGE
SPECIFIC GRAVITY	1.34
DUROMETER (SHORE)	60 (D)
TENSILE STRENGTH	3210 PSI
OXYGEN INDEX	28
BRITTLE POINT	-8c
SPARK TESTED	5,700 VOLTS
FINISHED O.D.	.068"
WEIGHT PER THOUSAND FEET	6.18#

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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