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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

**10 AWG RU AWM STYLE 1028 600V-105c OR AWM STYLE 1231
600V-105c VW-1 MOISTURE RESISTANT 60c
CSA TEW 105c - 600V FT1**

CONDUCTOR: #10 19/0234 BARE COPPER 1-1/2" UNILAY
APPROXIMATE NOMINAL O.D. .116"
APPROXIMATE CIRCULAR MILL AREA 10,404
WEIGHT PER THOUSAND FEET 32.02#
BASIC SPECIFICATION ASTM B 8
ASTM B 286

PVC: TEMPERATURE RATING 105c
VOLTAGE RATING 600v
ELONGATION AVERAGE 320%
SPECIFIC GRAVITY 1.34
DUROMETER (SHORE) 85 (A)
TENSILE STRENGTH 2450 PSI
OXYGEN INDEX 26.5
BRITTLE POINT -25c
SPARK TESTED 12,500 Volts
FINISHED O.D. .209"
WEIGHT PER THOUSAND FEET 46.30#

USE: INTERNAL WIRING OF APPLIANCES OR WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c. MOISTURE RESISTANT, 60c.

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