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

MATERIAL SPECIFICATION SHEET

#16 7/0192 BARE COPPER 1/32" PVC

16 AWG. E25635 RU AWM 1015/1230 105C 600V OR
AWM 1013/1335 90C 600V OR AWM STYLE 1032 90C 1000V VW-1
CSA 150272 TR-32 90C FT1 OR TEW 105C 600V FT1 OR AWM I A/B
105C 600V O W 75C FT-1

CONDUCTOR: #16 7/0192 Bare Copper 1" Lay Length Concentric
NOMINAL O.D. .058"
APPROXIMATE CIRCULAR MILL AREA 2,580
WEIGHT PER THOUSAND FEET 8.00#
BASIC SPECIFICATION ASTM B 8
ASTM B 286

LEAD-FREE PVC:
TEMPERATURE RATING 105c
VOLTAGE RATING 600 VOLTS
ELONGATION 330% AVERAGE
TENSILE STRENGTH 2450 PSI AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 10,000 VOLTS
WEIGHT PER THOUSAND FEET 13.21#
NOMINAL DIAMETER OF WIRE .120"

UL1015 USE: INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c. TAGS MAY INDICATE THE FOLLOWING: 2500 VOLTS PEAK - FOR ELECTRONIC USE ONLY.

UL1230 USE: INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 105c, OR WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c; MOISTURE RESISTANT, 60c.

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