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 MATERIAL SPECIFICATION SHEET



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

**#08 19/0295 BC .031" PVC WITH .006" NYLON
 RoHS COMPLIANT
 MACHINE TOOL WIRE or THHN or THWN 600v
 GASOLINE AND OIL RESISTANT II
 or AWM STYLE 1318/1410 600v OR (UL) TYPE T90 NYLON
 OR TWN 75 CSA AWM 1-A/B 105c FT-1**

CONDUCTOR: #08 19/0295 BARE COPPER 2" UNILAY
 APPROXIMATE NOMINAL O.D. .147"
 APPROXIMATE CIRCULAR MILL AREA 16,535
 WEIGHT PER THOUSAND FEET 50.75#
 BASIC SPECIFICATION ASTM B 8
 ASTM B 286

PVC: TEMPERATURE RATING 105c
 VOLTAGE RATING 600v
 ELONGATION 330%
 SPECIFIC GRAVITY 1.35
 DUROMETER DELAYED (SHORE) 92 (A)
 TENSILE STRENGTH 2850 PSI
 OXYGEN INDEX 29
 BRITTLE POINT -25c

NYLON: ELONGATION 300%
 SPECIFIC GRAVITY 1.13
 TENSILE STRENGTH 11,500 PSI
 OVERALL DIAMETER .222"
 WEIGHT PER M FEET 62.90#
 SPARK TESTED 15,000 VOLTS

AWM USE: INTERNAL WIRING OF APPLIANCES. GASOLINE AND OIL RESISTANT.

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Revision 02/22/16

