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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 19/0117 TC 1/32" PVC
RoHS COMPLIANT
(UL) BOAT CABLE BC 5W2 600v OR MTW 600v OR
AWM STYLES 1015 & 1230 105c-600v OR
AWM 1032 90c-1,000v OR AWM 1013, 1335 90c-600v OR AWM 1011 80c-600v
CSA TEW 105c 600v FT1 OR TR32 90c FT1 OR
AWM 1 A/B 105c-600v O W75c FT1**

CONDUCTOR: #16 19/0117 TINNED COPPER 3/4" UNILAY
APPROXIMATE NOMINAL O.D. .058"
APPROXIMATE CIRCULAR MILL AREA 2,601
WEIGHT PER THOUSAND FEET 7.90#
BASIC SPECIFICATION ASTM B 8
ASTM B 286

PVC: TEMPERATURE RATING 105c
ELONGATION 330%
SPECIFIC GRAVITY 1.32
DUROMETER DELAYED (SHORE) 91 (A)
TENSILE STRENGTH 2450 PSI
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 10,000 VOLTS
FINISHED O.D. .121"
WEIGHT PER THOUSAND FEET 13.1#

USE: INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF
APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT
EXCEEDING 60c.
UL 1230, 1335 – MOISTURE RATING 60c
UL 1011, 1013, 1015, 1335 – 2,500v PEAK FOR ELECTRONIC USE ONLY.
UL 1032 – 3,500v PEAK FOR ELECTRONIC USE ONLY.

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