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 Registered to ISO9001:2015
 and IATF 16949:2016
 Itasca, IL 60143
 Reference No. 10000854



Atlas Wire, LLC
 Registered to ISO9001:2015
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#12 19/0185 BC 1/32" PVC
 RoHS COMPLIANT**

**UL THERMOPLASTIC INSULATED TYPE TW and THW
 AWM STYLES 1015 & 1230 105c-600v
 CSA TEW or AWM 1 A/B 105c-600v FT1**

CONDUCTOR: #12 19/0185 BC 1-1/4" LAY
 APPROXIMATE NOMINAL O.D. .091"
 APPROXIMATE CIRCULAR MILL AREA 6,503
 WEIGHT PER THOUSAND FEET 20.11#
 BASIC SPECIFICATION ASTM B 8
 ASTM B 286

PVC: TEMPERATURE RATING 105c
 VOLTAGE RATING 600 VOLTS
 ELONGATION 330% AVG
 SPECIFIC GRAVITY 1.32
 DUROMETER (SHORE) 91 (A)
 TENSILE STRENGTH 2,450 PSI AVG
 OXYGEN INDEX 28
 BRITTLE POINT -24c
 SPARK TESTED 10,000 VOLTS
 FINISHED O.D. .153"
 WEIGHT PER THOUSAND FEET 27.26#

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

UL1230: MOISTURE RATING 60c.
UL 1015: 2,500v PEAK FOR ELECTRONIC USE ONLY

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