



ATLAS WIRE LLC.
9525 RIVER STREET
SCHILLER PARK, ILLINOIS 60176
(847) 678-1210
(847) 678-1281 FAX
www.atlaswirecorp.com



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

MATERIAL SPECIFICATION SHEET

**#12 19/0176 BC .023" PVC
RoHS COMPLIANT
AUTOMOTIVE PRIMARY WIRE
MARINE GPT 12 AWG SAE J378C-50v & J1128-60v 105c
2 CONDUCTOR BONDED CABLE**

CONDUCTOR: #12 19/0176 BC 1-1/2" LAY BUNCHED
NOMINAL O.D. .089"
APPROXIMATE CIRCULAR MILL AREA 5,885
WEIGHT PER THOUSAND FEET 18.48#
BASIC SPECIFICATION ASTM B 174

PVC: TEMPERATURE RATING 105c
ELONGATION 330% AVERAGE
TENSILE STRENGTH 2450 PSI AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 8,000 VOLTS
NOMINAL FINISHED O.D. .135"
WEIGHT PER THOUSAND FEET 23.35#

**BONDED
CABLE:** NOMINAL O.D. HEIGHT .135"
NOMINAL O.D. WIDTH .270"
SPARK TESTED 8,000 VOLTS
CABLE WEIGHT PER THOUSAND FEET 46.70#

info@atlaswirecorp.com