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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 .046" PVC
ROHS COMPLIANT
SAE J1128 – 105c TYPE HDT**

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 320% AVERAGE
SPECIFIC GRAVITY 1.34
DUROMETER (SHORE) 85 (A)
TENSILE STRENGTH 2450 PSI
OXYGEN INDEX 26.5
BRITTLE POINT -25c
SPARK TESTED 12,500 VOLTS
NOMINAL FINISHED O.D. .181"
WEIGHT PER THOUSAND FEET 30.213#

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Revision 11-11-16