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

MATERIAL SPECIFICATION SHEET

**#08 133/29 BARE COPPER 3/64" PVC
RoHS COMPLIANT
MACHINE TOOL WIRE 600v N.E.C. STANDARD BC-5W2 OR
AWM STYLES 1028/1231/1015/1344 105c 600v OR
AWM 1032 90c 1000v OR AWM 1336 90c 600v VW1
CSA TEW OR AWM I A/B 105c 600v OIL & WATER RESISTANT 75c FT1**

CONDUCTOR: #08 133/29 BARE COPPER CONDUCTOR
NOMINAL O.D. .163"
APPROXIMATE CIRCULAR MILL AREA 17,000
WEIGHT PER THOUSAND FEET 52.00#
BASIC SPECIFICATION ASTM B 173

PVC: TEMPERATURE RATING 105c
VOLTAGE RATING 600 VOLTS
ELONGATION 320% AVERAGE
TENSILE STRENGTH 2450 PSI AVERAGE
SPECIFIC GRAVITY 1.34
DUROMETER (SHORE) 85 (A)
OXYGEN INDEX 25
BRITTLE POINT -25c
SPARK TESTED 12,500 VOLTS
NOMINAL O.D. .260"
WEIGHT PER THOUSAND FEET 70.78#

USE: INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 105 DEG C: OR WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60 DEG C. MOISTURE RESISTANT 60C. 2500 VOLTS PEAK – FOR ELECTRONIC USE ONLY.

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