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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

#12 65/30 BC 1/32" PVC

RoHS COMPLIANT

MACHINE TOOL WIRE MTW 600 VOLTS

**BOAT CABLE & AWM STYLES 1015 & 1230 105c-600v OR
AWM 1032 90c-1,000v OR AWM 1013 & 1011 & 1335 90c-600v
CSA TEW OR AWM 1 A/B 105c-600v
CSA OIL & WATER RESISTANT 75c FT-1**

CONDUCTOR: #12 65/30 BARE COPPER 1-1/2" LAY BUNCHED
APPROXIMATE NOMINAL O.D. .095"
APPROXIMATE CIRCULAR MILL AREA 6,500
WEIGHT PER THOUSAND FEET 20.40#
BASIC SPECIFICATION ASTM B 174

PVC: TEMPERATURE RATING 105c
VOLTAGE RATING 600V
ELONGATION 330% AVERAGE
TENSILE STRENGTH 2450 PSI AVERAGE
SPECIFIC GRAVITY 1.32
DUROMETER (SHORE) 91 (A)
OXYGEN INDEX 28
BRITTLE POINT -24c
SPARK TESTED 10,000 VOLTS
FINISHED O.D. .157"
WEIGHT PER THOUSAND FEET 27.78#

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