



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

#10 65/28 TC 1/32" PVC

RoHS COMPLIANT

**MACHINE TOOL WIRE 600V N.E.C. STANDARD 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 I A/B 105C-600V FT1 CSA OIL & WATER
RESISTANT 75C FT1 CSA TR-32 90c**

CONDUCTOR:	#10 65/28 TINNED COPPER 1-1/2" SMOOTH BUNCHED
	APPROXIMATE NOMINAL O.D. .112
	APPROXIMATE CIRCULAR MILL AREA 10,385
	WEIGHT PER THOUSAND FEET 32.06#
	BASIC SPECIFICATION ASTM B 174
PVC:	TEMPERATURE RATING 105c
	VOLTAGE RATING 600 VOLTS
	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. .174"
	WEIGHT PER THOUSAND FEET 40.44#
USE:	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c.
UL1230,1335 :	MOISTURE RATING 60c.
UL1032 :	3,500v PEAK FOR ELECTRONIC USE ONLY
UL 1015, 1013:	2,500v PEAK FOR ELECTRONIC USE ONLY