



ATLAS WIRE, LLC
1601 GLENLAKE AVENUE
ITASCA, IL 60143
(847) 678-1210
(847) 678-1281 FAX
www.atlaswirecorp.com



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

MATERIAL SPECIFICATION SHEET

#14 41/30 TINNED COPPER 1/32" PVC

RoHS COMPLIANT

**14 AWG E215651 (UL) BOAT CABLE BC-5W2 600v OR MTW "CLASS K" 600v OR
AWM 1011/1013/1015/1230/1335 600v OR AWM 1032 1000v VW-1 CSA 150272
TR-32 90c FT1 OR TEW 105c 600v FT1 OR AWM I A/B 105c 600v O W75c FT-1**

CONDUCTOR:	#14 41/30 TINNED COPPER 1-1/2" BUNCHED LAY	
	NOMINAL O.D.	.075"
	APPROXIMATE CIRCULAR MILL AREA	4,100
	WEIGHT PER THOUSAND FEET	12.80#
	BASIC SPECIFICATION	ASTM B 174
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	1000 VOLTS
	WALL THICKNESS	.031"
	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
	NOMINAL DIAMETER OF WIRE (+/- .002")	.137"
USE:	WEIGHT PER THOUSAND FEET	19.00#
	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.	

info@atlaswirecorp.com