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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

#14 19/0147 TC 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 19/0147 TINNED COPPER 1" UNILAY
	APPROXIMATE NOMINAL O.D. .071"
	APPROXIMATE CIRCULAR MILL AREA 4,106
	WEIGHT PER THOUSAND FEET 12.8#
	BASIC SPECIFICATION ASTM B 8
	ASTM B 286
PVC:	TEMPERATURE RATING 105c
	VOLTAGE RATING 600 VOLTS
	ELONGATION 340% AVERAGE
	TENSILE STRENGTH 2950 PSI AVERAGE
	SPECIFIC GRAVITY 1.34
	DUROMETER (SHORE) 95 (A)
	OXYGEN INDEX 30
	BRITTLE POINT -18c
	SPARK TESTED 10,000 VOLTS
	FINISHED O.D. .133"
	WEIGHT PER THOUSAND FEET 18.77#
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.

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