



® **ATLAS WIRE LLC.**
1601 Glenlake Av.
Itasca, ILLINOIS 60143
(847) 678-1210
(847) 678-1281
www.atlaswirecorp.com



Atlas Wire, LLC
Registered to ISO9001:2015
and IATF 16949:2016
Itasca, IL 60143
Reference No. 10000854



Atlas Wire, LLC
Registered to ISO9001:2015
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#14 19/0147 BC 1/32" PVC
RoHS COMPLIANT**

**UL THERMOPLASTIC INSULATED TYPE TW and THW
AWM STYLES 1015 & 1230 105c-600v
CSA TEW or AWM 1 A/B 105c-600v FT1**

CONDUCTOR:	#14 19/0147 BC 1" LAY	
	APPROXIMATE NOMINAL O.D.	.071"
	APPROXIMATE CIRCULAR MILL AREA	4,106
	WEIGHT PER THOUSAND FEET	12.80#
	BASIC SPECIFICATION	ASTM B 8 ASTM B 286
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	600 VOLTS
	ELONGATION	330% AVG
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	TENSILE STRENGTH	2,450 PSI AVG
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	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.	
UL1230:	MOISTURE RATING 60c.	
UL 1015:	2,500v PEAK FOR ELECTRONIC USE ONLY	

info@atlaswirecorp.com