



ATLAS WIRE CORPORATION
9525 RIVER STREET
SCHILLER PARK, ILLINOIS 60176
(847) 678-1210
(847) 678-1281 FAX
www.atlaswirecorp.com



Atlas Wire Corporation
Registered to ISO9001 and TS16949
Schiller Park, IL 60176
Reference No. 10000854
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

1015/14T19-

#14 19/0147 TC 1/32" PVC

RoHS COMPLIANT

MACHINE TOOL WIRE 600V N.E.C. STANDARD &

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:	#14 19/0147 TC 1" LAY	
	APPROXIMATE NOMINAL O.D.	.0693"
	APPROXIMATE CIRCULAR MILL AREA	4,028
	WEIGHT PER THOUSAND FEET	12.10#
	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.	.131"
	WEIGHT PER THOUSAND FEET	17.86#
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	

info@atlaswirecorp.com

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