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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 41/30 TC 1/32" PVC

RoHS COMPLIANT

MACHINE TOOL WIRE

**14 AWG. E25635 RU AWM 1015/1230 105C 600V OR
AWM 1013/1335 90C 600V OR AWM STYLE 1032 90C 1000V VW-1
CSA 150272 TR-32 90C FT1 OR TEW 105C 600V FT1 OR AWM I/A/B 105C 600V
O W 75C FT-1**

CONDUCTOR:	#14 41/30 TC 1-1/2" LAY BUNCHED	
	APPROXIMATE 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	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.	.137"
	WEIGHT PER THOUSAND FEET	19.00#
UL1015 USE:	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c.	

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