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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**

<b>CONDUCTOR:</b>	#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
<b>PVC:</b>	TEMPERATURE RATING	105c
	VOLTAGE RATING	600 VOLTS
	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
	FINISHED O.D.	.137"
	WEIGHT PER THOUSAND FEET	19.00#
<b>UL1015 USE:</b>	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c.	

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