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

MATERIAL SPECIFICATION SHEET

#14 19/27 TC .017" PVC
RoHS COMPLIANT

MIL-DTL- 16878/2 TYPE C 105c – 1000v OR
MIL -W-76D TYPE MWP 90c – 1000v

CONDUCTOR:	#14 19/27 TINNED COPPER 1 ¼" UNILAY
	APPROXIMATE NOMINAL O.D. .071"
	APPROXIMATE CIRCULAR MILL AREA 3,831
	WEIGHT PER THOUSAND FEET 11.60#
	BASIC SPECIFICATION ASTM B 8
	ASTM B 286
PVC:	TEMPERATURE RATING 105c
	VOLTAGE RATING 1000 VOLTS
	ELONGATION 300% AVERAGE
	TENSILE STRENGTH 3000 PSI AVERAGE
	SPECIFIC GRAVITY 1.34
	DUROMETER (SHORE) 47 (D)
	OXYGEN INDEX 25
	BRITTLE POINT -55c
	SPARK TESTED 7,100 VOLTS
	FINISHED O.D. .105"
	WEIGHT PER THOUSAND FEET 14.43#
REVISION:	MIL-DTL-16878H – PRINT REQUIRED

* OUR STANDARD IS PRINTED, IF NO PRINTING IS PREFERRED
PLEASE CALL THAT OUT AT TIME OF ORDER.

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