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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

**#16 19/0117 BC .016" PVC WITH .005" NYLON
RoHS COMPLIANT
MACHINE TOOL WIRE or TFFN 600v
GASOLINE AND OIL RESISTANT II
or AWM STYLE 1452 1000v or 1316/1408 600v or
CSA TEWN 105c-600v FT-1**

CONDUCTOR:	#16 19/0117 BC 1" LAY	
	APPROXIMATE NOMINAL O.D.	.058"
	APPROXIMATE CIRCULAR MILL AREA	2,601
	WEIGHT PER THOUSAND FEET	7.90#
	BASIC SPECIFICATION	ASTM B 8 ASTM B 286
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	600v
	ELONGATION	330%
	SPECIFIC GRAVITY	1.35
	DUROMETER DELAYED (SHORE)	92 (A)
	TENSILE STRENGTH	2850 PSI
	OXYGEN INDEX	29
	BRITTLE POINT	-25c
NYLON:	ELONGATION	300%
	SPECIFIC GRAVITY	1.13
	TENSILE STRENGTH	11,500 PSI
	OVERALL DIAMETER	.100"
	WEIGHT PER M FEET	10.80#
	SPARK TESTED	10,000 VOLTS
AWM USE:	INTERNAL WIRING OF APPLIANCES. GASOLINE AND OIL RESISTANT.	

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