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Atlas Wire, LLC  
 Registered to ISO9001:2015  
 and IATF 16949:2016  
 Itasca, IL 60143  
 Reference No. 10000854



Atlas Wire, LLC  
 Registered to ISO9001:2015  
 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**

<b>CONDUCTOR:</b>	#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
<b>PVC:</b>	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
<b>NYLON:</b>	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
<b>AWM USE:</b>	INTERNAL WIRING OF APPLIANCES. GASOLINE AND OIL RESISTANT.	

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