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

## MATERIAL SPECIFICATION SHEET

**#18 16/30 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>	#18 16/30 BC 1" BUNCHED	
	APPROXIMATE NOMINAL O.D.	.048"
	APPROXIMATE CIRCULAR MILL AREA	1,600
	WEIGHT PER THOUSAND FEET	5.00#
	BASIC SPECIFICATION	ASTM B 174
<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	.090"
	WEIGHT PER M FEET	7.50#
	SPARK TESTED	10,000 VOLTS
<b>AWM USE:</b>	INTERNAL WIRING OF APPLIANCES. GASOLINE AND OIL RESISTANT.	

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