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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

**#12 19/0185 BC .016" PVC WITH .005" NYLON
 RoHS COMPLIANT
 MACHINE TOOL WIRE or THHN or THWN 600v
 GASOLINE AND OIL RESISTANT II
 or AWM STYLE 1452 1000v or 1316/1408 600v or
 (UL) TYPE T90 NYLON or TWN75 CSA AWM 1-A/B 105c FT-1**

CONDUCTOR:	#12 19/0185 BC 1-1/4" LAY	
	APPROXIMATE NOMINAL O.D.	.091"
	APPROXIMATE CIRCULAR MILL AREA	6,503
	WEIGHT PER THOUSAND FEET	20.11#
	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	.133"
	WEIGHT PER M FEET	24.23#
	SPARK TESTED	10,000 VOLTS
AWM USE:	INTERNAL WIRING OF APPLIANCES. GASOLINE AND OIL RESISTANT.	

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