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 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#18 41/34 BC 1/64" .005" NYLON**  
**RoHS COMPLIANT**  
**MTW TFFN 600v GASOLINE & OIL RESISTANT II**  
**AWM 1452 90c - 1000v AWM 1316 105c - 600v**  
**AWM 1408 90c - 600v**  
**CSA TEWN 105c-600v FT-1**

<b>CONDUCTOR:</b>	#18 41/34 BC 1" BUNCH	
	APPROXIMATE NOMINAL O.D.	.048"
	APPROXIMATE CIRCULAR MILL AREA	1,632
	WEIGHT PER THOUSAND FEET	5.00#
	BASIC SPECIFICATION	ASTM B 174
<b>PVC:</b>	TEMPERATURE RATING	105c
	ELONGATION	330% AVERAGE
	TENSILE STRENGTH	3500 PSI AVERAGE
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	46 (D)
	OXYGEN INDEX	30.5
	BRITTLE POINT	-18c
	SPARK TESTED	8,500 VOLTS
<b>NYLON:</b>	ELONGATION	300%
	SPECIFIC GRAVITY	1.13
	TENSILE STRENGTH	11,500 PSI
	OVERALL DIAMETER	.090"
	WEIGHT PER M FEET	7.53#
<b>USE:</b>	INTERNAL WIRING OF APPLIANCES OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL & GASOLINE AT A TEMPERATURE NOT EXCEEDING 60 DEGREES C.	

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