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

MATERIAL SPECIFICATION SHEET

#18 SOLID BARE COPPER 1/64" PVC .005" NYLON
RoHS COMPLIANT
TFN 600v GASOLINE & OIL RESISTANT II
AWM 1452 90c - 1000v AWM 1316 105c - 600v
AWM 1408 90c - 600v
CSA TEWN 105c-600v FT-1

CONDUCTOR:	#18 SOLID BARE COPPER	
	APPROXIMATE NOMINAL O.D.	.0403"
	APPROXIMATE CIRCULAR MILL AREA	1,624
	WEIGHT PER THOUSAND FEET	4.97#
	BASIC SPECIFICATION	ASTM B 3
PVC:	TEMPERATURE RATING	105c
	ELONGATION	330%
	SPECIFIC GRAVITY	1.32
	DUROMETER DELAYED (SHORE)	46 (D)
	TENSILE STRENGTH	3500 PSI
	OXYGEN INDEX	30.5
	BRITTLE POINT	-18c
NYLON:	ELONGATION	300%
	SPECIFIC GRAVITY	1.13
	TENSILE STRENGTH	11,500 PSI
	OVERALL DIAMETER	.083"
	WEIGHT PER M FEET	7.20#
	SPARK TESTED	10,000 VOLTS
USE:	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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