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Atlas Wire, LLC
Registered to ISO9001 and TS16949

Schiller Park, IL 60176
Reference No. 10000854

Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#10 37/26 TC .037" PVC .005" NYLON
RoHS COMPLIANT
MIL-16878/19 TYPE DN
105c - 3,000 VOLTS

CONDUCTOR:	#10 37/26 TINNED COPPER 1/2" CONCENTRIC	
	NOMINAL O.D.	.108"
	APPROXIMATE CIRCULAR MILL AREA	9,401
	WEIGHT PER THOUSAND FEET	29.31#
	BASIC SPECIFICATION	ASTM B-8 ASTM B-286
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	3000 VOLTS
	ELONGATION	320% AVG.
	SPECIFIC GRAVITY	1.34
	DUROMETER (SHORE)	85 (A)
	TENSILE STRENGTH	2450 PSI AVG
	SPARK TESTED	15,000 VOLTS
	OXYGEN INDEX	25
	BRITTLE POINT	-25c
	FINISHED O.D.	.182"
	WEIGHT PER 1,000 FEET	39.45#
NYLON:	ELONGATION	300%
	TENSILE STRENGTH	7400 PSI @ 50%
	RELATIVE HUMIDITY	
	SPECIFIC GRAVITY	1.13
	OVERALL DIAMETER	.192"
	WEIGHT PER M FEET	40.75#
REVISION:	MIL-DTL-16878G	- PRINT REQUIRED*

* OUR STANDARD IS PRINTED, IF NO PRINTING IS PREFERRED
PLEASE CALL THAT OUT AT TIME OF ORDER.

MEETS ALL REQUIREMENTS LISTED ON THE MIL-DTL-16878/19B DETAIL SPECIFICATION SHEET WITH THE EXCEPTION OF ATLAS CONDITIONING FOR THE HEAT RESISTANCE TEST AT 136c.

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