



ATLAS WIRE LLC.
9525 RIVER STREET
SCHILLER PARK, ILLINOIS 60176
(847) 678-1210
(847) 678-1281 FAX
www.atlaswirecorp.com



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

MATERIAL SPECIFICATION SHEET

#20 7/28 TC .010" PVC .003" NYLON
RoHS COMPLIANT
MIL-16878/17 TYPE BN
105c - 600 VOLTS

CONDUCTOR:	#20 7/28 TINNED COPPER 3/4" CONCENTRIC	
	NOMINAL O.D.	.038"
	APPROXIMATE CIRCULAR MILL AREA	1.118
	WEIGHT PER THOUSAND FEET	3.40#
	BASIC SPECIFICATION	ASTM B-8 ASTM B-286
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	600 VOLTS
	ELONGATION	300% AVG.
	SPECIFIC GRAVITY	1.34
	DUROMETER (SHORE)	47 (D)
	TENSILE STRENGTH	3000 PSI AVG
	SPARK TESTED	5,700 VOLTS
	OXYGEN INDEX	25
	BRITTLE POINT	-29c
	FINISHED O.D.	.058"
	WEIGHT PER 1,000 FEET	4.30#
NYLON:	ELONGATION	300%
	TENSILE STRENGTH	7400 PSI @ 50%
	RELATIVE HUMIDITY	
	SPECIFIC GRAVITY	1.13
	OVERALL DIAMETER	.064"
	WEIGHT PER M FEET	4.56#
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-16878/17B DETAIL SPECIFICATION SHEET WITH THE EXCEPTION OF ATLAS CONDITIONING FOR THE HEAT RESISTANCE TEST AT 136c.

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Revision 02/22/16