



ATLAS WIRE CORPORATION
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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

#24 19/36 TC .010" PVC
RoHS COMPLIANT
MIL-16878/17 TYPE B
105c - 600 VOLTS

CONDUCTOR:

#24 19/36 TC 3/8" UNILAY	
NOMINAL O.D.	.024"
APPROXIMATE CIRCULAR MILL AREA	475
WEIGHT PER THOUSAND FEET	1.50#
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	-55c
FINISHED O.D.	.044"
WEIGHT PER 1,000 FEET	2.14#

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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