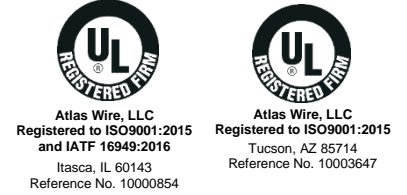




® **ATLAS WIRE LLC.**
 1601 Glenlake Av.
 Itasca, ILLINOIS 60143
 (847) 678-1210
 (847) 678-1281
 www.atlaswirecorp.com



MATERIAL SPECIFICATION SHEET

#12 19/25 TC .037" PVC
RoHS Compliant
MIL-16878/3 TYPE D
105c - 3,000 VOLTS

CONDUCTOR:	#12 19/25 TINNED COPPER 1/2"	
	NOMINAL O.D.	.090"
	APPROXIMATE CIRCULAR MILL AREA	6.088
	WEIGHT PER THOUSAND FEET	18.80#
	BASIC SPECIFICATION	ASTM B-8 ASTM B-286
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	3,000 VOLTS
	ELONGATION	320% AVG.
	SPECIFIC GRAVITY	1.34
	DUROMETER (SHORE)	85 (A)
	TENSILE STRENGTH	2450 PSI AVG
	SPARK TESTED	10,000 VOLTS
	OXYGEN INDEX	25
	BRITTLE POINT	-25c
	FINISHED O.D.	.160"
WEIGHT PER 1,000 FEET	27.67#	
REVISION:	MIL-DTL- 16878G -	PRINT REQUIRED*

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