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ATLAS WIRE CORPORATION
REGISTERED TO ISO9001:2000
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

#18 16/30 BARE COPPER .020" PVC
RoHS COMPLIANT
TYPE UL CL2X 105c

CONDUCTOR:	#18 16/30 BARE COPPER 1" BUNCHED NOMINAL O.D.	.048"
	APPROXIMATE CIRCULAR MILL AREA	1,600
	WEIGHT PER THOUSAND FEET	5.00#
	BASIC SPECIFICATION	ASTM B 174
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	600v
	WALL THICKNESS	.031"
	ELONGATION	330% AVERAGE
	TENSILE STRENGTH	2450 PSI AVERAGE
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	8,000 VOLTS
	FINISHED O.D.	.088"
	WEIGHT PER THOUSAND FEET	7.57#
USE:	POWER LIMITED CIRCUIT CABLE IN ACCORDANCE WITH N.E.C. ARTICLE 725 CLASS 2X	

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