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ATLAS WIRE CORPORATION
REGISTERED TO ISO 9002
CERTIFICATE NO. A4894

MATERIAL SPECIFICATION SHEET

**#18 16/30 OVERCOAT COPPER 1/64" PVC
RoHS COMPLIANT**

**AWM STYLE 1569 105c-300v OR AWM STYLE 1007 80c-300v OR
CSA TR64 90c OR CSA AWM 1 A/B 105c-300v**

CONDUCTOR:	#18 16/30 OVERCOAT 5/8" LAY NOMINAL O.D.	.045"
	APPROXIMATE CIRCULAR MILL AREA	1,600
	WEIGHT PER THOUSAND FEET	5.20#
	BASIC SPECIFICATION	ASTM B 170 TYPE III
PVC:	TEMPERATURE RATING	UL1007 90c UL1569 105c
	VOLTAGE RATING	300 VOLTS
	WALL THICKNESS	.016"
	ELONGATION	330% AVERAGE
	TENSILE STRENGTH	2450 PSI AVERAGE
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	7,100 VOLTS
	FINISHED OD	.077"
	WEIGHT PER THOUSAND FEET	7.04
USE:	INTERNAL WIRING OF APPLIANCE; OR WHERE EXPOSED TO OIL AT TEMPERATURES NOT EXCEEDING 60c. WHERE NOT SUBJECTED TO MOVEMENT OR MECHANICAL DAMAGE. 600v PEAK FOR ELECTRONIC USE ONLY.	

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