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Registered to ISO9001:2015
and IATF 16949:2016
Itasca, IL 60143
Reference No. 10000854



Atlas Wire, LLC
Registered to ISO9001:2015
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

**#20 10/30 TINNED COPPER 1/64" PVC
2/CONDUCTOR TWISTED
RoHS COMPLIANT**

**AWM STYLE 1569 105c-300v OR AWM STYLE 1007 80c-300v OR
CSA TR 64 90c OR CSA AWM 1 A/B 105c-300v**

CONDUCTOR:	#20 10/30 TINNED COPPER 1/2" LAY NOMINAL O.D.	.038"
	APPROXIMATE CIRCULAR MILL AREA	1,000
	WEIGHT PER THOUSAND FEET	3.20#
	BASIC SPECIFICATION	ASTM B 174
PVC:	TEMPERATURE RATING	UL1007 80c UL1569 105c
	VOLTAGE RATING	300 VOLTS
	ELONGATION	330% AVERAGE
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	91 (A)
	TENSILE STRENGTH	2450 PSI AVERAGE
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	5,000 VOLTS
	FINISHED OD	.070"
	WEIGHT PER THOUSAND FEET	4.83#
CABLE:	LAY LENGTH	1 INCH
	WEIGHT PER THOUSAND FEET	9.95#
USE:	INTERNAL WIRING OF APPLIANCES; OR WHERE EXPOSED TO OIL AT TEMPERATURES NOT EXCEEDING 60c. WHERE NOT SUBJECT TO MOVEMENT OR MECHANICAL DAMAGE. 600v PEAK FOR ELECTRONIC USE ONLY.	