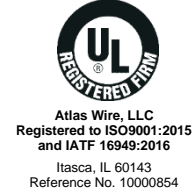




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MATERIAL SPECIFICATION SHEET

#20 10/30 TC 1/64" PVC WITH .031" PVC JACKET
RoHS COMPLIANT
DOUBLE INSULATED UL APPLIANCE WIRE
AWM STYLE 1509 105c-300v VW-1
CSA AWM I A/B 105c-300v FT-1

CONDUCTOR:	#20 10/30 TINNED COPPER 1/2" BUNCHED 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	105c
	VOLTAGE RATING	300 VOLTS
	ELONGATION	330%
	SPECIFIC GRAVITY	1.32
	DUROMETER DELAYED (SHORE)	91 (A)
	TENSILE STRENGTH	2450 PSI
	OXYGEN INDEX	28
	BRITTLE POINT	-24c
	SPARK TESTED	7,100 VOLTS
	FINISHED O.D.	.070"
PVC JACKET:	TEMPERATURE RATING	105c
	UL1569 105c	
	VOLTAGE RATING	300 VOLTS
	FINISHED OD	.132"
	SPARK TESTED	10,000 VOLTS
	WEIGHT PER THOUSAND FEET	10.75#
USE:	INTERNAL WIRING OF APPLIANCES (REINFORCED INSULATION) – 105c-300v	