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Registered to ISO9001 and TS16949
Itasca, IL 60143
Reference No. 10000854
Tucson, AZ 85714
Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#20 SOLID BARE COPPER 1/64" PVC .005 NYLON RoHS COMPLIANT

**20 AWG. E25635 RU AWM STYLE 1316 600V OR AWM STYLE 1408 600V OR
AWM STYLE 1452 1000V OIL RESISTANT 60C CSA 150272 AWM I A/B 90C
300V FT-1**

CONDUCTOR:	#20 SOLID BARE COPPER CONDUCTOR	
	NOMINAL DIAMETER	.032"
	APPROXIMATE CIRCULAR MILL AREA	1.021
	WEIGHT PER THOUSAND FEET	3.12#
	BASIC SPECIFICATION	ASTM B 3
PVC:	TEMPERATURE RATING	105c
	ELONGATION	330% AVERAGE
	TENSILE STRENGTH	3500 PSI AVERAGE
	SPECIFIC GRAVITY	1.32
	DUROMETER (SHORE)	46 (D)
	OXYGEN INDEX	30.5
	BRITTLE POINT	-18c
	SPARK TESTED	8,500 VOLTS
NYLON:	ELONGATION	300%
	TENSILE STRENGTH	11,500 PSI AVERAGE
	SPECIFIC GRAVITY	1.13
	FLEX STRENGTH	97
	OVERALL DIAMETER	.074"
	WEIGHT PER M FEET	5.05#
USE:	INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 105c OR WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c.	

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