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MATERIAL SPECIFICATION SHEET

**#08 19/0295 BARE COPPER 3/64" PVC
 RoHS COMPLIANT**

**BOAT CABLE BC-5W2 & MACHINE TOOL WIRE 600V N.E.C. STANDARD &
 AWM STYLES 1028/1231/1015/1344 105C-600V OR AWM 1032 90C-1000V
 OR AWM 1336 90c 600v VW1 CSA TEW OR AWM I A/B 105c 600v OIL &
 WATER RESISTANT 75c FT1**

CONDUCTOR:	#08 19/0295 BARE COPPER 2" LAY CONDUCTOR	
	APPROXIMATE NOMINAL O.D.	.147"
	APPROXIMATE CIRCULAR MILL AREA	15,535
	WEIGHT PER THOUSAND FEET	50.75#
	BASIC SPECIFICATION	ASTM B 8 ASTM B 286
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	1000 VOLTS
	ELONGATION	320% AVG
	SPECIFIC GRAVITY	1.34
	DUROMETER (SHORE)	85 (A)
	TENSILE STRENGTH	2450 PSI
	OXYGEN INDEX	26.5
	BRITTLE POINT	-25c
	SPARK TESTED	12,500 V
	FINISHED O.D.	.240"
	WEIGHT PER THOUSAND FEET	67.75#

UL STANDARDS: BOAT CABLE - UL 1426
 MACHINE TOOL WIRE - UL 1063
 APPLIANCE WIRE - UL 758

PRINT LEGEND: 8 AWG E215651 (UL) BOAT CABLE BC-5W2 600v OR MTW
 600v OR AWM 1028/1231/1015/1336/1344 600v OR AWM
 1032 1000v VW-1 CSA 150272 TEW 105c 600v FT1 OR
 AWM I A/B 105c 600v O & W 75c FT-1

USE: INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 105c OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c.

UL 1231, 1336 & 1028 – MOISTURE RATING – 60c.

UL 1344 – MOISTURE RATING – 75c.

UL 1032 – 3,500v PEAK FOR ELECTRONIC USE ONLY

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