



ATLAS WIRE, LLC
 1601 GLENLAKE AVENUE
 ITASCA, IL 60143
 (847) 678-1210
 (847) 678-1281 FAX
 www.atlaswirecorp.com



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

MATERIAL SPECIFICATION SHEET

**#08 19/0295 BC .031" PVC WITH .006" NYLON
 RoHS COMPLIANT**

**8 AWG E80256 (UL) MTW OR THHN OR THWN-2 600V GASOLINE AND OIL
 RESISTANT II OR AWM STYLE 1318/1410 105C-600V c(UL) TYPE T90 NYLON
 OR TWN75 CSA 150272 AWM I - A/B 90C-300V FT-1**

CONDUCTOR:	#08 19/0295 BARE COPPER	
	APPROXIMATE NOMINAL O.D.	.147"
	APPROXIMATE CIRCULAR MILL AREA	16,535
	WEIGHT PER THOUSAND FEET	50.75#
	BASIC SPECIFICATION	ASTM B 8 ASTM B 286
PVC:	TEMPERATURE RATING	105c
	VOLTAGE RATING	600v
	ELONGATION	330%
	SPECIFIC GRAVITY	1.35
	DUROMETER DELAYED (SHORE)	92 (A)
	TENSILE STRENGTH	2850 PSI
	OXYGEN INDEX	29
	BRITTLE POINT	-25c
NYLON:	ELONGATION	300%
	SPECIFIC GRAVITY	1.13
	TENSILE STRENGTH	11,500 PSI
	OVERALL DIAMETER	.222"
	WEIGHT PER M FEET	62.90#
	SPARK TESTED	8,000 VOLTS
USE:	INTERNAL WIRING OF APPLIANCES GASOLINE AND OIL RESISTANT.	

Info@atlaswirecorp.com