



ATLAS WIRE LLC.
 9525 RIVER STREET
 SCHILLER PARK, ILLINOIS 60176
 (847) 678-1210
 (847) 678-1281 FAX
 www.atlaswirecorp.com



Atlas Wire, LLC
 Registered to ISO9001 and TS16949
 Schiller Park, IL 60176
 Reference No. 10000854
 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#08 19/0295 BARE COPPER 3/64" PVC
RoHS COMPLIANT
UL THERMOPLASTIC INSULATED TYPE TW and THW
AWM STYLE 1028 105c-600v
CSA TEW 105c-600v FT1

CONDUCTOR:	#08 19/0295 BARE COPPER 2" UNILAY CONDUCTOR	
	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 AVERAGE	320%
	SPECIFIC GRAVITY	1.34
	DUROMETER (SHORE)	85 (A)
	TENSILE STRENGTH	2450 PSI
	OXYGEN INDEX	25
	BRITTLE POINT	-25c
	SPARK TESTED	12,500 Volts
	FINISHED O.D.	.240"
	WEIGHT PER THOUSAND FEET	67.75#
USE:	INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT EXCEEDING 60c.	

info@atlaswirecorp.com