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## MATERIAL SPECIFICATION SHEET

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

**MACHINE TOOL WIRE 600v N.E.C. STANDARD BC-5W2 OR  
 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. .142"  
 APPROXIMATE CIRCULAR MILL AREA 16,535  
 WEIGHT PER THOUSAND FEET 51.50#  
 BASIC SPECIFICATION ASTM B 8  
 ASTM B 286

**PVC:** TEMPERATURE RATING 105c  
 VOLTAGE RATING 600 VOLTS  
 ELONGATION 320% AVG  
 SPECIFIC GRAVITY 1.34  
 DUROMETER (SHORE) 85 (A)  
 TENSILE STRENGTH 2450 PSI  
 OXYGEN INDEX 25  
 BRITTLE POINT -25c  
 SPARK TESTED 12,500 V  
 FINISHED O.D. .240"  
 WEIGHT PER THOUSAND FEET 68.44#

**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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