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 Schiller Park, IL 60176  
 Reference No. 10000854  
 Tucson, AZ 85714  
 Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

#12 19/0185 TC 1/32" PVC  
 RoHS COMPLIANT

12 AWG. E25635 RU AWM 1015/1230 105C 600V OR  
 AWM 1013/1335 90C 600V OR AWM STYLE 1032 90C 1000V VW-1  
 CSA 150272 TR-32 90C FT1 OR TEW 105C 600V FT1 OR AWM I A/B  
 105C 600V O W 75C FT-1

**CONDUCTOR:** #12 19/0185 TINNED COPPER 1-1/4" UNILAY  
 NOMINAL O.D. .091"  
 APPROXIMATE CIRCULAR MILL AREA 6,503  
 WEIGHT PER THOUSAND FEET 20.11#  
 BASIC SPECIFICATION ASTM B 8  
 ASTM B 286

**PVC:** TEMPERATURE RATING 105C  
 VOLTAGE RATING 1000V  
 ELONGATION 330%  
 TENSILE STRENGTH 2450 PSI  
 SPECIFIC GRAVITY 1.32  
 DUROMETER DELAYED (SHORE) 91 (A)  
 OXYGEN INDEX 28  
 BRITTLE POINT -24c  
 SPARK TESTED 10,000 VOLTS  
 FINISHED O.D. .153"  
 WEIGHT PER THOUSAND FEET 27.26#

**USE:** INTERNAL WIRING OF APPLIANCES; OR INTERNAL WIRING OF  
 APPLIANCES WHERE EXPOSED TO OIL AT A TEMPERATURE NOT  
 EXCEEDING 60C.  
 UL 1230, 1335 – MOISTURE RATING 60C.  
 UL 1011, 1013,1015, 1335–2,500V PEAK FOR ELECTRONIC  
 USE ONLY.  
 UL 1032-3,500V PEAK FOR ELECTRONIC USE ONLY.

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