

**Unified Wire & Cable, Inc.**  
**DeKalb, Illinois 60115**

**SPECIFICATION SHEET**

**20 (19X32) BARE COPPER UL1316/1452 (AWM)**  
**ROHS & REACH COMPLIANT**

**COPPER:** BASIC SPECIFICATION--- ASTM B 3

**CONDUCTOR:** SOFT DRAWN TINNED COPPER

**CONDUCTOR DIAMETER:** NOMINAL DIAMETER: .038

**INSULATION:** POLYVINYL CHLORIDE (PVC) CLASS 43

**INSULATION THICKNESS:** .015 MINIMUM AVERAGE WALL THICKNESS  
.013 MINIMUM AT ANY POINT

**HARDNESS:** 92 DUROMETER SHORE A +/-3  
1.32 SPECIFIC GRAVITY

**COVERING:** EXTRUDED NYLON IN 4 MIL MINIMUM THICKNESS

**RATING:** 600 VOLTS 90C IN DRY LOCATIONS 60C WHERE EXPOSED TO MOISTURE OR OIL  
RATED 105C 600 VOLTS WHEN USED AS APPLIANCE WIRING MATERIAL (AWM)  
UL1316 OR 90C 1000V WHEN USED AS AWM 1452

**FINISHED DIAMETER:** .069 NOMINAL O.D.

**MARKINGS:** SURFACE PRINTED WITH REQUIRED UL AND CSA LEGEND

**STANDARD PACKAGE:** REELS OR DRUMS

**USAGE:** INTERNAL WIRING OR INTERNAL WIRING OF APPLIANCES