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

## MATERIAL SPECIFICATION SHEET

**#14 41/30 BARE COPPER 1/32" PVC**  
**RoHS COMPLIANT**  
**2/CONDUCTOR BONDED**  
**AWM STYLE 2474 105c-600v OR AWM 105c-600v OR TEW 105c**

|                               |  |                  |
|-------------------------------|--|------------------|
| <b>CONDUCTOR:</b>             | #14 41/30 BARE COPPER 1-1/2" LAY   |                  |
|                               | NOMINAL O.D.   | .075"            |
|                               | APPROXIMATE CIRCULAR MILL AREA   | 4,100            |
|                               | WEIGHT PER THOUSAND FEET   | 12.80#           |
|                               | BASIC SPECIFICATION  | ASTM B 174       |
| <b>INSULATED<br/>SINGLES:</b> | AWM STYLE 1015 105c-600v OR AWM STYLE 1230 105c-600v<br>OR CSA TEW 105c OR CSA AWM 1 A/B 105c-600v |                  |
| <b>PVC:</b>                   | TEMPERATURE RATING   | 105c             |
|                               | VOLTAGE RATING   | 600 VOLTS        |
|                               | WALL THICKNESS   | .031"            |
|                               | ELONGATION   | 330% AVERAGE     |
|                               | TENSILE STRENGTH   | 2450 PSI AVERAGE |
|                               | SPECIFIC GRAVITY   | 1.32             |
|                               | DUROMETER (SHORE)  | 91 (A)           |
|                               | OXYGEN INDEX   | 28               |
|                               | BRITTLE POINT  | -24c             |
|                               | SPARK TESTED   | 10,000 VOLTS     |
|                               | FINISHED O.D.  | .137"            |
|                               | WEIGHT PER THOUSAND FEET   | 19.00#           |
| <b>BONDED<br/>CABLE:</b>      | SPARK TESTED   | 10,000 VOLTS     |
|                               | HEIGHT DIMENSION   | .137"            |
|                               | WIDTH DIMENSION  | .274"            |
|                               | WEIGHT PER THOUSAND FEET   | 38.00#           |
| <b>UL 2474 USE:</b>           | INTERNAL WIRING OF ELECTRONIC EQUIPMENT AND<br>APPLIANCES.   |                  |

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