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

## MATERIAL SPECIFICATION SHEET

**#10 105/30 TC 1/32" XLPE**  
**RoHS COMPLIANT**  
**CROSS LINKED POLYETHYLENE INSULATED**  
**UL APPLIANCE WIRE STYLE 3173 125c-600v**  
**CSA TYPE CL 1251 600V 125C AWM I - A/B FT2**

**CONDUCTOR:** #10 105/30 TC 2" LAY BUNCHED  
APPROXIMATE NOMINAL O.D. .121"  
APPROXIMATE CIRCULAR MILL AREA 10,500  
WEIGHT PER THOUSAND FEET 32.20#  
BASIC SPECIFICATION ASTM B 174

### MOISTURE CURED CROSS LINKED POLYETHYLENE:

|                             |                  |
|-----------------------------|------------------|
| TEMPERATURE RATING          | 125c             |
| VOLTAGE RATING              | 600 VOLTS        |
| SPECIFIC GRAVITY            | 1.09             |
| DUROMETER INSTANTANEOUS     | 53 SHORE D       |
| DUROMETER 10 SECOND DELAY   | 48 SHORE D       |
| TENSILE STRENGTH            | 2300 PSI AVERAGE |
| TENSILE ELONGATION AT BREAK | 425%             |
| SPARK TESTED                | 8,000 VOLTS      |
| FINISHED O.D.               | .182"            |
| WEIGHT PER THOUSAND FEET    | 39.34#           |

**UL 3173 USE:** INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 125c.

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