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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

**#18 16/30 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:** #18 16/30 TC 1" LAY BUNCHED  
APPROXIMATE NOMINAL O.D. .048"  
APPROXIMATE CIRCULAR MILL AREA 1,600  
WEIGHT PER THOUSAND FEET 5.00#  
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.	.110"
WEIGHT PER THOUSAND FEET	8.71#

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

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