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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

**#12 65/30 TC 1/32" XLPE  
RoHS COMPLIANT  
CROSS LINKED POLYETHYLENE INSULATED  
UL APPLIANCE WIRE STYLE 3321 150c-600v  
CSA TYPE CL 1503 600V 150c AWM I - A/B FT2**

**CONDUCTOR:** #12 65/30 TC 1-1/2" LAY BUNCHED  
APPROXIMATE NOMINAL O.D. .095"  
APPROXIMATE CIRCULAR MILL AREA 6,500  
WEIGHT PER THOUSAND FEET 20.40#  
BASIC SPECIFICATION ASTM B 174

### MOISTURE CURED CROSS LINKED POLYETHYLENE:

TEMPERATURE RATING	150c
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.	.157"
WEIGHT PER THOUSAND FEET	26.32#

**UL 3173 USE:** INTERNAL WIRING OF APPLIANCES WHERE EXPOSED TO TEMPERATURES NOT EXCEEDING 150c.

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