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 and IATF 16949:2016
 Itasca, IL 60143
 Reference No. 10000854



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 Tucson, AZ 85714
 Reference No. 10003647

MATERIAL SPECIFICATION SHEET

#20 10/30 TC 1/32" PVC WITH .018" PVC JACKET

RoHS COMPLIANT

DOUBLE INSULATED UL APPLIANCE WIRE

AWM STYLE 1483 105c-600v VW-1

CSA AWM I A/B 105c-600v FT-1 OR CSA TR-32 90c-600v FT-1

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|--------------------|--|--------------|
| CONDUCTOR: | #20 10/30 TINNED COPPER 1/2" BUNCHED LAY | |
| | NOMINAL O.D. | .038" |
| | APPROXIMATE CIRCULAR MILL AREA | 1,000 |
| | WEIGHT PER THOUSAND FEET | 3.20# |
| | BASIC SPECIFICATION | ASTM B 174 |
| PVC: | TEMPERATURE RATING | 105c |
| | VOLTAGE RATING | 600 VOLTS |
| | ELONGATION | 330% |
| | SPECIFIC GRAVITY | 1.32 |
| | DUROMETER DELAYED (SHORE) | 91 (A) |
| | TENSILE STRENGTH | 2450 PSI |
| | OXYGEN INDEX | 28 |
| | BRITTLE POINT | -24c |
| | SPARK TESTED | 10,000 VOLTS |
| | FINISHED O.D. | .100" |
| PVC JACKET: | TEMPERATURE RATING | 105c |
| | UL1569 105c | |
| | VOLTAGE RATING | 600 VOLTS |
| | FINISHED OD | .136" |
| | SPARK TESTED | 10,000 VOLTS |
| | WEIGHT PER THOUSAND FEET | 11.25# |
| USE: | INTERNAL WIRING OF APPLIANCES (REINFORCED INSULATION) – 105c-600v | |