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



Atlas Wire, LLC  
Registered to ISO9001:2015  
Tucson, AZ 85714  
Reference No. 10003647

## MATERIAL SPECIFICATION SHEET

### #28 7/36 TINNED COPPER .010" PVC

#### RoHS COMPLIANT

UL AWM STYLE 1061 80c-300v

CSA AWM 80c-300v I A/B FT-1 SR PVC

|                          |  |                        |
|--------------------------|--|------------------------|
| <b>CONDUCTOR:</b>        | #28 7/36 TINNED COPPER 1/3" CONCENTRIC   |                        |
|                          | NOMINAL O.D.   | .015"                  |
|                          | APPROXIMATE CIRCULAR MILL AREA   | 175                    |
|                          | WEIGHT PER THOUSAND FEET   | 0.6#                   |
|                          | BASIC SPECIFICATION  | ASTM B-8<br>ASTM B-286 |
| <b>PVC:</b>              | TEMPERATURE RATING   | 105c                   |
|                          | VOLTAGE RATING   | 300v                   |
|                          | ELONGATION   | 300% AVERAGE           |
|                          | SPECIFIC GRAVITY   | 1.34                   |
|                          | DUROMETER (SHORE)  | 60 (D)                 |
|                          | TENSILE STRENGTH   | 3,210 PSI              |
|                          | OXYGEN INDEX   | 28                     |
|                          | BRITTLE POINT  | -8c                    |
|                          | SPARK TESTED   | 3,500 VOLTS            |
|                          | FINISHED O.D.  | .035"                  |
| WEIGHT PER THOUSAND FEET | 1.072#   |                        |
| <b>USE:</b>              | INTERNAL WIRING OF ELECTRIC BOOKEEPING, ACCOUNTING, TIME RECORDING MACHINES OR ELECTRONIC EQUIPMENT IF WITHIN A CHASSIS OR PROTECTED FROM MECHANICAL INJURY. |                        |

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