

# Silicone Rubber Insulated material

## Style UL3585 Hook-up Wire

Internal wiring of appliances or electric clothes, dryers where exposed to temperature not exceeding 150°C.

### Description:

Conductor material of Tinned or bare copper

Rated temperature 150 °C

Rated Voltage 300 V (Spark voltage 3000 V)

Flame resistance FT2

RoHS Compliant

### Specification:

| Gauge (AWG) | Number of Strands | Gauge of Strands (AWG) | Nom. Dia. of Stranded Conductor |       | Nom. Fin. Wire Diam. |      | Max. Resistance (dc at 20°C) Ohm/per |      | Nom. Wt.      |       |
|-------------|-------------------|------------------------|---------------------------------|-------|----------------------|------|--------------------------------------|------|---------------|-------|
|             |                   |                        | Inch                            | mm    | Inch                 | mm   | 1000-ft                              | Km   | LBS./1000 ft. | Kg/Km |
| 16          | 7                 | 25                     | .0591                           | 1.50  | .0906                | 2.30 | 4.45                                 | 14.6 | 10.31         | 15.34 |
| 16          | 19                | 29                     | .0591                           | 1.50  | .0906                | 2.30 | 4.45                                 | 14.6 | 10.31         | 15.34 |
| 16          | 26                | 30                     | .0591                           | 1.50  | .0906                | 2.30 | 4.45                                 | 14.6 | 10.15         | 15.11 |
| 18          | 1                 | 18                     | .0402                           | 1.02  | .0717                | 1.82 | 6.77                                 | 22.2 | 6.58          | 9.78  |
| 18          | 16                | 30                     | .0465                           | 1.18  | .0780                | 1.98 | 7.06                                 | 23.2 | 6.72          | 10.00 |
| 18          | 7                 | 26                     | .0465                           | 1.18  | .0780                | 1.98 | 7.06                                 | 23.2 | 6.88          | 10.23 |
| 18          | 41                | 34                     | .0465                           | 1.18  | .0780                | 1.98 | 7.06                                 | 23.2 | 6.80          | 10.12 |
| 20          | 1                 | 20                     | .0320                           | 0.813 | .0635                | 1.61 | 10.7                                 | 35.2 | 4.54          | 6.75  |
| 20          | 10                | 30                     | .0374                           | 0.95  | .0689                | 1.75 | 11.2                                 | 36.7 | 4.77          | 7.09  |
| 20          | 21                | 33                     | .0374                           | 0.95  | .0689                | 1.75 | 11.2                                 | 36.7 | 4.79          | 7.12  |
| 22          | 1                 | 22                     | .0252                           | 0.64  | .0567                | 1.44 | 17.2                                 | 56.4 | 3.14          | 4.68  |
| 22          | 7                 | 30                     | .0299                           | 0.76  | .0614                | 1.56 | 18.1                                 | 59.4 | 3.40          | 5.06  |
| 22          | 17                | 34                     | .0299                           | 0.76  | .0614                | 1.56 | 18.1                                 | 59.4 | 3.40          | 5.06  |
| 24          | 7                 | 32                     | .0240                           | 0.61  | .0555                | 1.41 | 28.7                                 | 94.2 | 2.49          | 3.71  |
| 24          | 11                | 34                     | .0240                           | 0.61  | .0555                | 1.41 | 28.7                                 | 94.2 | 2.50          | 3.72  |
| 26          | 7                 | 34                     | .0197                           | 0.50  | .0512                | 1.30 | 45.8                                 | 150  | 1.89          | 2.81  |
| 28          | 7                 | 36                     | .0154                           | 0.39  | .0469                | 1.19 | 72.8                                 | 239  | 1.45          | 2.15  |
| 30          | 1                 | 30                     | .0100                           | 0.254 | .0415                | 1.05 | 110                                  | 361  | 1.06          | 1.58  |

### Order reference:

Colors available: 0-Black, 1-Brown, 2-Red, 3-Orange, 4-Yellow, 5-Green, 6-Blue, 7-Violet, 8-Grey, 9-White, 5/4 – Green W/ Yellow

Striping: Longitudinal and Parallel Stripes Available Per Request

Delivery: All Stocked Items Available for Immediate Shipment, 8 Week Lead Time for Non-stocked Items

Package: Stocked in Spools, Barrel Pack Available Per Request

Wire Processing: Cut, Strip, and Tinning Available