



SILICABLE® 150°C

Fluoropolymer insulated & Silicone jacketed multiconductor cables

- Operating temp. -60°C to +150°C
- 300 V / 600 V / 1,000 V
- High flexibility
- Good resistance to thermal shock
- Smaller size than insulated silicone version

Construction

- 1 - Stranded or solid tin plated or bare copper conductor (other material available on request)
 - 2 - Extruded fluoropolymer insulation
 - 3 - Extruded silicone outer jacket
- Optional shield:** consult us

Approvals - standards

- Compliance UL/cUL file E93624
- RoHS Compliant



VW-1 Approved Style 4389

please consult our dedicated datasheet: SILICABLE® VW-1



Use: External or Internal wiring of appliances or electronic equipment
(External wiring only for version with 45 mils wall jacket)

Standard products

Color coding = Insulated singles as per NEC NFPA 70
Outer jacket standard color: Brick red (Consult us for other colors)
Surface marking

| Voltage | | 300 V | | | 600 V | | | 1,000 V (cUL 600 V) | | |
|---------------|----------|--------------------|----------------------|---------------------------------|-----------------|----------------------|---------------------------------|---------------------|----------------------|---------------------------------|
| Jacket | | Silicone | | | | | | | | |
| | | Wall 30 mils | Wall 45 mils | | Wall 30 mils | | | Wall 30 mils | Wall 45 mils | |
| Insulation | | Standard wall ETFE | | | Thin wall ETFE | Standard wall ETFE | | Standard wall ETFE | | |
| UL | | 4476-E150 | | | | | | | | |
| cUL | | AWM I A | AWM II A/B | | AWM I A | AWM I A | | AWM I A | AWM II A/B | |
| Nb of Singles | AWG Size | Nominal OD (in) | Nominal OD (in) | Approx. linear weight (lbs/mft) | Nominal OD (in) | Nominal OD (in) | Approx. linear weight (lbs/mft) | Nominal OD (in) | Nominal OD (in) | Approx. linear weight (lbs/mft) |
| 2 | 26 | .118 | .150 | 11.6 | - | .142 | 11.1 | .181 | .209 | 22.1 |
| 3 | 26 | .122 | .158 | 13.6 | - | .150 | 13.1 | .189 | .221 | 25.7 |
| 4 | 26 | .130 | .165 | 15.5 | - | .158 | 15.0 | .205 | .236 | 29.8 |
| 5 | 26 | .138 | .173 | 17.5 | - | .169 | 17.4 | .224 | .252 | 33.8 |
| 2 | 24 | .130 | .158 | 14.1 | .130 | .150 | 12.9 | .189 | .217 | 24.5 |
| 3 | 24 | .134 | .165 | 16.6 | .134 | .158 | 15.4 | .197 | .228 | 28.5 |
| 4 | 24 | .146 | .173 | 19.0 | .142 | .169 | 18.3 | .217 | .244 | 33.1 |
| 5 | 24 | .154 | .185 | 22.0 | .154 | .181 | 21.2 | .232 | .264 | 38.5 |
| 2 | 22 | .142 | .169 | 17.6 | .142 | .161 | 16.3 | .201 | .228 | 28.6 |
| 3 | 22 | .150 | .177 | 21.0 | .146 | .169 | 19.7 | .213 | .240 | 33.7 |
| 4 | 22 | .158 | .189 | 25.0 | .158 | .181 | 23.6 | .228 | .260 | 40.2 |
| 5 | 22 | .169 | .201 | 29.0 | .169 | .197 | 28.2 | .248 | .280 | 46.7 |
| 2 | 20 | .161 | .189 | 23.8 | .165 | .177 | 21.7 | .217 | .244 | 35.1 |
| 3 | 20 | .169 | .201 | 29.7 | .173 | .185 | 26.9 | .228 | .260 | 42.9 |
| 4 | 20 | .181 | .213 | 35.5 | .185 | .201 | 33.1 | .248 | .280 | 51.2 |
| 5 | 20 | .197 | .228 | 41.9 | .201 | .217 | 39.3 | .272 | .299 | 59.4 |
| 2 | 18 | .181 | .209 | 31.6 | .181 | .201 | 30.1 | .236 | .264 | 43.9 |
| 3 | 18 | .189 | .221 | 39.9 | .189 | .213 | 38.4 | .248 | .280 | 54.2 |
| 4 | 18 | .205 | .236 | 48.8 | .205 | .228 | 47.1 | .272 | .303 | 66.1 |
| 5 | 18 | .224 | .252 | 57.5 | .224 | .248 | 56.4 | .299 | .327 | 77.7 |
| Flame ratings | | Horizontal FT2 | Cable flame FT1, FT2 | | Horizontal FT2 | Cable flame FT1, FT2 | | Horizontal FT2 | Cable flame FT1, FT2 | |

Other AWG sizes on request
Other style nos. available; please consult our complete list of UL approved styles (pages 92 to 96)
Further information concerning conducting metal; please consult our complete list of UL approved styles (pages 92 to 96)
UL approved only



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