



SILIFLON® TC 200°C GS

FEP insulated & jacketed
General shielded

- 600 V
- Operating temp. -90°C to +200°C
- Excellent chemical resistance
- Excellent heat and weather resistance
- Enhanced fire performance

Construction

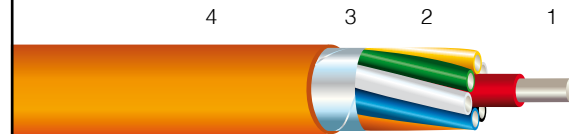
- 1- Stranded or solid nickel plated copper
- 2- Fluoropolymer FEP insulation
- 3- General shielding (braid, optional drain wire)
- 4- Fluoropolymer FEP jacket

Approvals - standards

- Compliance UL 1277 Type TC File E517270
 - Compliance cUL & CSA (AWM I/II A/B)
 - Compliance UL 66 or UL 83A (for inners)
- Compliance ANSI/NFPA 70 (NEC) Article 336
 - NEC Articles 318 and 340
 - NEC Article 725
 - RoHS Compliant

Options

General shielding: in tin-plated copper braid



Use: tray cable is a versatile cable approved for use in raceways and cable trays. They come in multi-conductors cables, and can be used for control and power

General precaution of use

- Can be used indoors to power parts of a home, office building or other structures. Other installations approved for building wire
- Can be used outdoors
- Will work even if exposed from conduit to equipment
- Must be supported every six feet
- Must meet exposed run requirement of the property it is on

Standard products

Color coding = ICEA/NEMA Method 1 E-1 (formerly K-1)

| UL | Type TC 1277 (Inners UL 66) | | | | |
|---------------|-----------------------------|------------------------------|----------------------|------------------------|-----------------|
| Nb of Singles | AWG Size | Nominal stranding (Nb x AWG) | Insulation wall (in) | Jacket thickness (AWG) | Nominal OD (in) |
| 2 | 18 | 7 x 26 | .025 | .045 | .284 |
| 3 | 18 | 7 x 26 | .025 | .045 | .298 |
| 4 | 18 | 7 x 26 | .025 | .045 | .325 |
| 5 | 18 | 7 x 26 | .025 | .045 | .345 |
| 7 | 18 | 7 x 26 | .025 | .045 | .371 |
| 12 | 18 | 7 x 26 | .025 | .045 | .473 |
| 19 | 18 | 7 x 26 | .025 | .060 | .575 |
| 37 | 18 | 7 x 26 | .025 | .060 | .749 |
| 2 | 16 | 7 x 24 | .025 | .045 | .308 |
| 3 | 16 | 7 x 24 | .025 | .045 | .324 |
| 4 | 16 | 7 x 24 | .025 | .045 | .355 |
| 5 | 16 | 7 x 24 | .025 | .045 | .378 |
| 7 | 16 | 7 x 24 | .025 | .045 | .408 |
| 12 | 16 | 7 x 24 | .025 | .045 | .524 |
| 19 | 16 | 7 x 24 | .025 | .060 | .636 |
| 37 | 16 | 7 x 24 | .025 | .060 | .834 |

| UL | Type TC 1277 (Inners UL 83A) | | | | |
|---------------|------------------------------|------------------------------|----------------------|------------------------|-----------------|
| Nb of Singles | AWG Size | Nominal stranding (Nb x AWG) | Insulation wall (in) | Jacket thickness (AWG) | Nominal OD (in) |
| 2 | 14 | 105 x 34 | .020 | .045 | .350 |
| 3 | 14 | 105 x 34 | .020 | .045 | .369 |
| 4 | 14 | 105 x 34 | .020 | .045 | .407 |
| 5 | 14 | 105 x 34 | .020 | .045 | .434 |
| 7 | 14 | 105 x 34 | .020 | .045 | .470 |
| 12 | 14 | 105 x 34 | .020 | .060 | .641 |
| 19 | 14 | 105 x 34 | .020 | .060 | .740 |
| 37 | 14 | 105 x 34 | .020 | .080 | 1.020 |
| 2 | 12 | 65 x 30 | .020 | .045 | .374 |
| 3 | 12 | 65 x 30 | .020 | .045 | .395 |
| 4 | 12 | 65 x 30 | .020 | .045 | .436 |
| 5 | 12 | 65 x 30 | .020 | .045 | .467 |
| 7 | 12 | 65 x 30 | .020 | .045 | .506 |
| 2 | 10 | 105 x 30 | .020 | .045 | .450 |
| 3 | 10 | 105 x 30 | .020 | .045 | .477 |
| 4 | 10 | 105 x 30 | .020 | .045 | .530 |
| 5 | 10 | 105 x 30 | .020 | .060 | .599 |
| 2 | 8 | 133 x 29 | .030 | .060 | .600 |
| 3 | 8 | 133 x 29 | .030 | .060 | .637 |
| 4 | 8 | 133 x 29 | .030 | .060 | .709 |
| 5 | 8 | 133 x 29 | .030 | .060 | .762 |
| 2 | 6 | 133 x 27 | .030 | .060 | .666 |
| 3 | 6 | 133 x 27 | .030 | .060 | .708 |
| 4 | 6 | 133 x 27 | .030 | .060 | .790 |
| 5 | 6 | 133 x 27 | .030 | .080 | .890 |

Flame ratings

VW-1, IEEE 383, FT4 / IEEE 1202

Other number of singles and AWG sizes on request
Other stranding on request (solid or other stranded composition)



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