



# SILIFLON® TC 200°C

FEP insulated & jacketed  
Unshielded

72

- 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- 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



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	.264
3	18	7 x 26	.025	.045	.278
4	18	7 x 26	.025	.045	.305
5	18	7 x 26	.025	.045	.325
7	18	7 x 26	.025	.045	.351
12	18	7 x 26	.025	.045	.453
19	18	7 x 26	.025	.060	.555
37	18	7 x 26	.025	.060	.729
2	16	7 x 24	.025	.045	.288
3	16	7 x 24	.025	.045	.304
4	16	7 x 24	.025	.045	.335
5	16	7 x 24	.025	.045	.358
7	16	7 x 24	.025	.045	.388
12	16	7 x 24	.025	.045	.504
19	16	7 x 24	.025	.060	.616
37	16	7 x 24	.025	.060	.814

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	.330
3	14	105 x 34	.020	.045	.349
4	14	105 x 34	.020	.045	.387
5	14	105 x 34	.020	.045	.414
7	14	105 x 34	.020	.045	.450
12	14	105 x 34	.020	.060	.621
19	14	105 x 34	.020	.060	.720
37	14	105 x 34	.020	.080	1.000
2	12	65 x 30	.020	.045	.354
3	12	65 x 30	.020	.045	.375
4	12	65 x 30	.020	.045	.416
5	12	65 x 30	.020	.045	.447
7	12	65 x 30	.020	.045	.486
2	10	105 x 30	.020	.045	.430
3	10	105 x 30	.020	.045	.457
4	10	105 x 30	.020	.045	.510
5	10	105 x 30	.020	.060	.579
2	8	133 x 29	.030	.060	.580
3	8	133 x 29	.030	.060	.617
4	8	133 x 29	.030	.060	.689
5	8	133 x 29	.030	.060	.742
2	6	133 x 27	.030	.060	.646
3	6	133 x 27	.030	.060	.688
4	6	133 x 27	.030	.060	.770
5	6	133 x 27	.030	.080	.870

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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