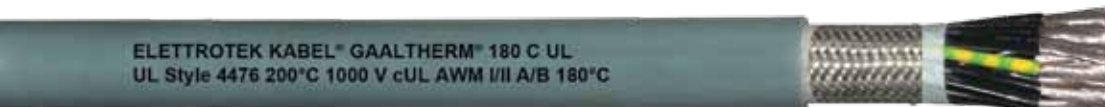


# TRACK CABLES



## GAALTHERM® 180 C UL

Continuously flexible high temperature control cable  
with numbered cores, and overall copper screen, 0,6/1 kV UL/CSA 1000 V



### Construction:

- Conductor:** flexible tinned copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
- Insulation:** GAALTHERM® 545
- Colour cores:** black cores with consecutive numbers acc. to EN 50334, green-yellow from 3 cores
- Stranding:** in layers
- Wrapping:** non woven tape over each layer
- Screen:** tinned copper braid
- Outer sheath:** grey (RAL 7000), GAALTHERM® 540

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
DIN VDE 0482 part 265-2-1  
EN 50265-2-1  
IEC 60332-1-2

### Technical data:

- Nominal voltage:** U<sub>0</sub>/U 0,6/1 kV  
**UL/CSA:** 1000 V
- Test voltage:** 4 kV acc. to EN 50264
- Temperature range**  
*Fixed laying:* -25°C up to +180°C  
*Flexible installation:* -25°C up to +180°C  
*Short-time use:* + 200°C
- Min. bending radius**  
*Continuously flexible:* 15 x d

### Features:

- high temperature resistance
- high notch resistance
- very good flexibility
- UL AWM Style 4476 200°C 1000 V  
cUL AWM I/II A/B 180°C
- for MINIMUM BENDING RADIUS  
see pages from 5 to 8 of catalogue
- RoHS and CE approval



Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
51090H4L010A12	1 x 4	7	54,6	-	12
51090H4L010A08	1 x 10	9	118,7	-	8
51090H4L010A3C	1 x 95	22	456	-	3/0
51090H4L010A4C	1 x 120	23,5	2289,3	-	4/0
51090H40031A16	3G1,5	8,5	63,8	115	16
51090H40041A16	4G1,5	9	80,4	140	16
51090H40051A16	5G1,5	10	98,3	170	16
51090H40071A16	7G1,5	11,5	147,6	250	16
51090H40031A14	3G2,5	10	98,5	170	14
51090H40041A14	4G2,5	11,3	142,1	230	14
51090H40051A14	5G2,5	12,4	171,9	270	14
51090H40071A14	7G2,5	14,4	229,2	370	14
51090H40041A12	4G4	13	206,4	310	12
51090H40051A12	5G4	14,3	253,2	390	12
51090H40071A12	7G4	17	368	550	12
51090H40041A10	4G6	15,5	297,9	460	10
51090H40051A10	5G6	17,5	388	570	10
51090H40071A10	7G6	20,5	519,5	790	10
51090H40041A08	4G10	18	485,6	690	8
51090H40051A08	5G10	20	594,9	830	8
51090H40041A06	4G16	21,8	747,7	1010	6
51090H40051A06	5G16	24,3	922,4	1260	6
51090H40041A04	4G25	25,5	1117,5	1450	4
51090H40041A02	4G35	29,4	1532,5	1950	2

Other dimension and colours available on request.