

# GAALFLEX® CHAIN TD 87 C

Continuously flexible PVC data cable with colored cores and overall copper screen,  
DIN VDE max. 350 V (UL) 300 V



ELETTROTEK KABEL® GAALFLEX® CHAIN TD 87 C



## Construction:

<b>CONDUCTOR:</b>	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, DIN VDE 0295
<b>INSULATION:</b>	PVC TYPE TI2, ACC. TO DIN VDE 0281 PART 1 + HD 21.1
<b>COLOUR CORES:</b>	ACC. TO DIN 47100
<b>STRANDING:</b>	IN LAYERS
<b>WRAPPING:</b>	NON-WOVEN TAPE OVER EACH LAYER
<b>SCREEN:</b>	TINNED COPPER BRAID
<b>WRAPPING:</b>	NON-WOVEN TAPE
<b>OUTER SHEATH:</b>	GREY (RAL 7032), PVC TYPE TM2, ACC. TO TO DIN VDE 0281 PART 1 + HD 21.1

## Resistance:



**SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:**  
DIN VDE 0482 PART 265-2-1  
EN 50265-2-1  
IEC 60332-1-2  
UL VW-1



**OIL RESISTANCE ACC. TO:**  
DIN VDE 0473 PART 811-2-1  
IEC EN 60811-2-1

## Technical data:

<b>NOMINAL VOLTAGE:</b>	<b>DIN VDE:</b> MAX. 350 V <b>UL:</b> 300 V
<b>TEST VOLTAGE:</b>	1,5 kV ACC. TO DIN VDE 0472 PART 509 CORE/SCREEN 1,2 kV
<b>TEMPERATURE RANGE</b>	<b>DIN VDE:</b> <b>UL/CSA:</b>
FIXED LAYING:	-30°C UP TO +80°C      UP TO +80°C
FLEXIBLE INSTALLATION:	-5°C UP TO +80°C
<b>RADIATION RESISTANCE:</b>	8 x 10 <sup>7</sup> CJ/Kg
<b>MIN. BENDING RADIUS</b>	
CONTINUOUSLY FLEXIBLE:	7,5 x D
<b>MAX SPEED (MAIN APPLICATION):</b>	180 m/min

## Features:

- AWM STYLE 2464 80°C 300 V
- VERY GOOD FLEXIBILITY
- SMALL OUTER DIAMETER
- SMALL BENDING RADIUS
- GOOD EMC CHARACTERISTICS
- FOR SPEEDS AND MINIMUM BENDING RADIUS  
SEE PAGES FROM 1 TO 4 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. *)
36100C64020A26	2 x 0,14	4,8	13,8	30	26
36100C64030A26	3 x 0,14	5	15,7	35	26
36100C64040A26	4 x 0,14	5,5	19,4	40	26
36100C64050A26	5 x 0,14	5,8	22,6	45	26
36100C64070A26	7 x 0,14	6,7	26,1	60	26
36100C64100A26	10 x 0,14	7,7	45,7	70	26
36100C64140A26	14 x 0,14	8,8	56,4	90	26
36100C64180A26	18 x 0,14	9,5	64,7	110	26
36100C64250A26	25 x 0,14	11,3	84,4	150	26
36100C64020A24	2 x 0,25	5,2	18	35	24
36100C64030A24	3 x 0,25	5,5	20,7	40	24
36100C64040A24	4 x 0,25	5,8	25,5	45	24
36100C64050A24	5 x 0,25	6,5	28,3	55	24
36100C64070A24	7 x 0,25	7,3	46,3	65	24
36100C64100A24	10 x 0,25	8,8	61,7	95	24
36100C64140A24	14 x 0,25	9,5	72,1	115	24
36100C64180A24	18 x 0,25	10,4	93,2	140	24
36100C64250A24	25 x 0,25	12,8	115,8	205	24
36100C64020A22	2 x 0,34	5,4	19,9	35	22
36100C64030A22	3 x 0,34	5,7	25,4	40	22
36100C64040A22	4 x 0,34	6	29,1	50	22
36100C64050A22	5 x 0,34	6,6	44,5	60	22
36100C64070A22	7 x 0,34	7,6	54,9	75	22
36100C64100A22	10 x 0,34	9	70,9	105	22
36100C64140A22	14 x 0,34	9,9	86,8	130	22
36100C64180A22	18 x 0,34	11	109,4	170	22
36100C64250A22	25 x 0,34	13,3	139,1	230	22

Other dimension and colours available on request.