

## GAALFLEX® CHAIN TD 87

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



ELETTROTEK KABEL® GAALFLEX® CHAIN TD 87



## Construction:

|                      |                                                                            |
|----------------------|----------------------------------------------------------------------------|
| <b>CONDUCTOR:</b>    | FLEXIBLE RED COPPER CONDUCTOR CL. 6,<br>ACC TO IEC 60228, DIN VDE 0295     |
| <b>INSULATION:</b>   | PVC TYPE TI2, ACC. TO DIN VDE 0281 PART 1 +<br>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>OUTER SHEATH:</b> | GREY (RAL 7032), PVC TYPE TM2,<br>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<br><b>UL:</b> 300 V |
| <b>TEST VOLTAGE:</b>                 | 1,5 kV ACC. TO DIN VDE 0472 PART 509           |
| <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

GOOD FLEXIBILITY

SMALL OUTER DIAMETER

SMALL BENDING RADIUS

FOR SPEEDS AND MINIMUM BENDING RADIUS  
SEE PAGES FROM 1 TO 4 OF CATALOGUE

ROHS AND CE APPROVAL



| Part no.       | No. of cores<br>x cross section<br>n x mm <sup>2</sup> | Outer-Ø<br>ca. mm<br>± 10% | Copper<br>weight<br>kg/km | Cable<br>weight approx.<br>kg/km | AWG<br>no. (*) |
|----------------|--------------------------------------------------------|----------------------------|---------------------------|----------------------------------|----------------|
| 36080C64020A26 | 2 x 0,14                                               | 4,1                        | 2,7                       | 20                               | 26             |
| 36080C64030A26 | 3 x 0,14                                               | 4,3                        | 4                         | 25                               | 26             |
| 36080C64040A26 | 4 x 0,14                                               | 4,7                        | 5,4                       | 30                               | 26             |
| 36080C64050A26 | 5 x 0,14                                               | 5,1                        | 6,7                       | 35                               | 26             |
| 36080C64070A26 | 7 x 0,14                                               | 5,9                        | 9,4                       | 45                               | 26             |
| 36080C64100A26 | 10 x 0,14                                              | 6,9                        | 13,4                      | 55                               | 26             |
| 36080C64140A26 | 14 x 0,14                                              | 7,4                        | 18,8                      | 70                               | 26             |
| 36080C64180A26 | 18 x 0,14                                              | 8,4                        | 24,2                      | 90                               | 26             |
| 36080C64250A26 | 25 x 0,14                                              | 10,4                       | 33,6                      | 120                              | 26             |
| 36080C64020A24 | 2 x 0,25                                               | 4,4                        | 4,8                       | 25                               | 24             |
| 36080C64030A24 | 3 x 0,25                                               | 4,5                        | 7,2                       | 30                               | 24             |
| 36080C64040A24 | 4 x 0,25                                               | 5                          | 9,6                       | 35                               | 24             |
| 36080C64050A24 | 5 x 0,25                                               | 5,5                        | 12                        | 45                               | 24             |
| 36080C64070A24 | 7 x 0,25                                               | 6,5                        | 16,8                      | 55                               | 24             |
| 36080C64100A24 | 10 x 0,25                                              | 7,5                        | 24                        | 70                               | 26             |
| 36080C64140A24 | 14 x 0,25                                              | 8,3                        | 33,6                      | 95                               | 24             |
| 36080C64180A24 | 18 x 0,25                                              | 9,2                        | 43,2                      | 120                              | 24             |
| 36080C64250A24 | 25 x 0,25                                              | 11,2                       | 60                        | 160                              | 24             |
| 36080C64020A22 | 2 x 0,34                                               | 4,6                        | 6,5                       | 35                               | 22             |
| 36080C64030A22 | 3 x 0,34                                               | 4,9                        | 9,8                       | 35                               | 22             |
| 36080C64040A22 | 4 x 0,34                                               | 5,3                        | 13,1                      | 40                               | 22             |
| 36080C64050A22 | 5 x 0,34                                               | 5,7                        | 16,3                      | 50                               | 22             |
| 36080C64070A22 | 7 x 0,34                                               | 6,8                        | 22,8                      | 65                               | 22             |
| 36080C64100A22 | 10 x 0,34                                              | 8,1                        | 32,6                      | 85                               | 26             |
| 36080C64140A22 | 14 x 0,34                                              | 8,7                        | 45,7                      | 110                              | 22             |
| 36080C64180A22 | 18 x 0,34                                              | 9,8                        | 58,8                      | 140                              | 22             |
| 36080C64250A22 | 25 x 0,34                                              | 12                         | 81,6                      | 190                              | 22             |

Other dimension and colours available on request.