



**INDUSTRIKOMPONENTER A/S**  
En anerkendt partner i Mobil Energi

## KABLER FESTOONFLEX C-PUR-HF



### ANVENDELSE

Power and control cable for very high mechanical requirements, frequently bendings, especially for use in trolley systems, drag chains on moving parts of machines, conveyor facilities. Suitable for dry, humid and wet rooms and for outdoor use.

### SPECIEL FUNKTION

- Free from lacquer damaging substances and silicone (during production)
- Halogen-free
- Available with shielded twisted pairs
- Available as oil resistant version according to IEC 61892-4 D
- Available on request for permanent use in water (no drinking water) up to 50 m diving depth

### REMARKS

- Conform to RoHS and 2014/35/EU-Guideline ("Low Voltage Directive") CE
- For travelling speed on cable trolleys up to 240 m/min
- Permanent tensile loading without supporting element max. 25 N/mm<sup>2</sup> dynamic
- Special versions: other dimensions, core and jacket colours

### TEKNISKE DATA

Conductor material	Bare copper strand
Conductor class	Acc. to DIN VDE 0295 class 5 resp. IEC 60228 cl. 5
Core insulation	Based on polyester
Core identification	Acc. to DIN 0293-308 up to 5 wires coloured, from 6 wires white with black numerals with or without GNYE
Stranding	Cores stranded in layers
Inner sheath material	PUR, only cables with 2, 3, 4 and 5 cores and cables with twisted pairs
Protection against contact shield	PETP-foil, overlapped and Polyester fleece, overlapped Copper braid tinned, coverage ca. 85%
Supporting element	Multicore cables with central textile element
Outer Sheath	PUR
Sheath colour	Black
Printing	Yes
Rated Voltage	U <sub>o</sub> /U 0,6/1 kV
Testing voltage	2,5 kV
Current carrying capacity	Acc. to DIN VDE, see Technical Guidelines, basic tables, Column D
Min bending radius fixed or moved	6 x d
Operating temperature fixed min/max	-50 °C / +80 °C
Operating temperature moved min/max	-40 °C / +90 °C
Temperature at conductor	+90 °C
Burning behaviour	Similar to IEC 60332-2-1
Resistant to Oil	Acc. to EN 60811-2-1
Standard	Similar to DIN VDE 0250



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Varenummer	Dimensioner (n x mm <sup>2</sup> )	Yder Ø mm (min-maks)	Cu Index kg/km	Vægt (kg/km)	
Festoonflex C-Pur-HF-O	1 x 25	10,3 - 11,5	310	330	
	1 x 35	12,3 - 13,5	406	430	
	1 x 50	15,4 - 16,5	550	610	
	1 x 70	17,0 - 18,3	747	810	
	1 x 95	18,9 - 20,1	998	1.030	
	1 x 120	21,4 - 22,8	1.306	1.320	
	1 x 150	23,1 - 24,5	1.613	1.650	
	1 x 185	25,5 - 27,2	1.903	2.000	
	1 x 240	28,5 - 30,1	2.474	2.490	
	2 x 1,5	9,4 - 11,4	74	140	
	4 x (2 x 1)	15,3 - 16,5	140	310	
	3 x (2 x 1,5)	16,5 - 17,8	153	360	
	4 x (2 x 1,5)	17,2 - 18,5	237	385	
	Festoonflex C-Pur-HF-J	4 x 1,5	10,8 - 12,0	118	240
5 x 1,5		10,9 - 12,1	132	225	
7 x 1,5		10,9 - 12,1	192	220	
12 x 1,5		15,0 - 16,2	250	350	
18 x 1,5		15,0 - 16,2	341	420	
4 x 2,5		12,1 - 13,2	157	250	
5 x 2,5		12,8 - 14,0	190	280	
12 x 2,5		17,4 x 18,6	370	530	
18 x 2,5		17,5 - 18,8	621	650	
4 x 4		13,6 - 14,7	221	330	
5 x 4		13,8 - 15,0	277	345	
4 x 6		15,1 - 16,3	300	420	
4 x 10		18,4 - 19,6	454	640	
4 x 16		21,2 - 22,5	694	940	
4 x 25		24,5 - 26,2	1.050	1.370	
4 x 35		29,6 - 31,6	1.444	1.880	
4 x 50		35,1 - 37,6	2.124	2.550	
Festoonflex Pur-HF-O		4 x (2 x 1)C	15,9 - 17,1	206	350
		6 x (2 x 1)C	19,0 - 20,3	265	480
	2 x (2 x 1,5)C	15,2 - 16,4	193	280	
	3 x (2 x 1,5)C	17,2 - 18,5	221	350	
	2 x (2 x 2,5)C	17,2 - 18,5	215	340	
	3 x (2 x 2,5)C	17,5 - 18,8	245	390	

For mere specifikke oplysninger om disse produkter, og  
hvordan de kan dække dine behov, ring venligst

# INDUSTRIKOMponenter A/S

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