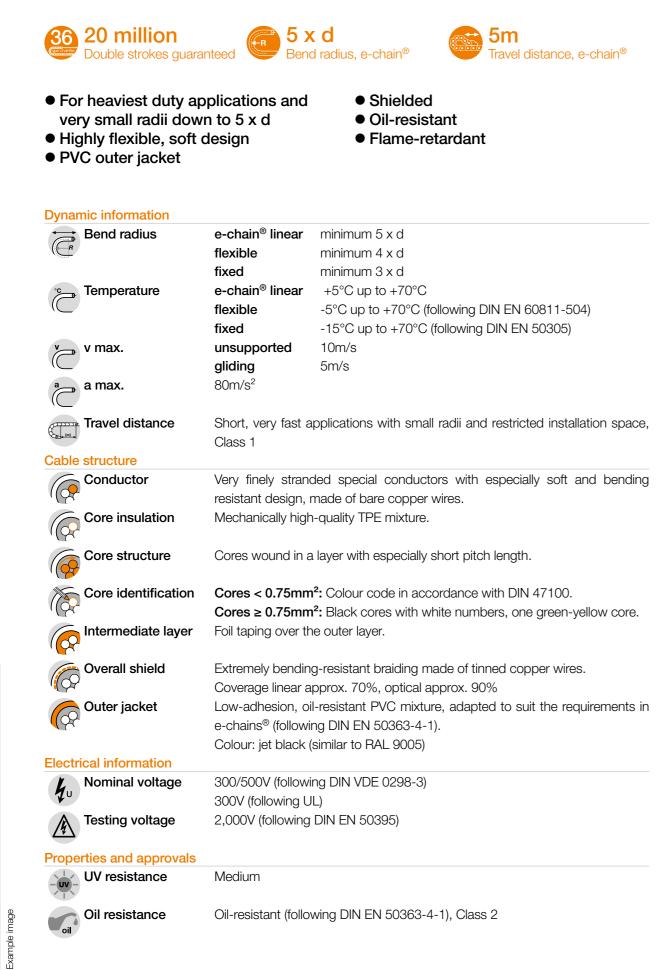
PVC

Control cable | PVC | chainflex® CFSOFT2



EPLAN download, configurators ► www.igus.eu/CFSOFT2

Class 7.1.2.1

Silicone-free

🕛 UL verified

NFPA

NFPA

EHE EAC

CECE

CA

UK UKCA

REACH REACH

RoHS Lead-free

Cleanroom

Flame-retardant

Basic requirements Iow 1 2 3 4 5 6 7 highest Travel distance unsupported 1 2 3 4 5 6 > 400m Oil resistance none 1 2 3 4 5 6 > 400m none 1 2 3 4 highest 1 2 3 4 highest 1 2 3 4 highest
According to IEC 60332-1-2, Cable Flame, VW-1, FT1, FT2 /
Free from silicone which can affect paint adhesion (following P 1992) Certificate No. B129699: "igus 36-month chainflex cable service life calculator based on 2 billion test cycles per year' See data sheet for details ► www.igus.eu/CFSOFT2
Following NFPA 79-2018, chapter 12.9
Certificate No. RU C-DE.ME77.B.00300/19
In accordance with regulation (EC) No. 1907/2006 (REACH)
Following 2011/65/EC (RoHS-II/RoHS-III)

According to ISO Class 2. The outer jacket material of this series complies with CF5.10.07 - tested by IPA according to standard DIN EN ISO 14644-1 Following 2014/35/EU

In accordance with the valid regulations of the United Kingdom (as at 08/2021)

Guaranteed service life (details see page 28-29)

Double strokes*	10 million	
Double strokes*	10 million	
Temperature, from/to [°C]	R min. [factor x d]	
+5/+15	6.8	
+15/+60	5	
+60/+70	6.8	

* Higher number of double strokes? Service life calculation online > www.igus.eu/chainflexlife

Typical application areas

- For heaviest duty applications and very small radii down to 5 x d, Class 7
- Especially for short, very fast applications with small radii and restricted installation space, Class 1
- Light oil influence, Class 2
- No torsion, Class 1

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- Especially soft cable design, for reduced forces
- Pick and place machines, automatic doors, cleanroom, very guick handling

Part No.	Number of cores and conductor nominal cross section [mm²]	Outer diameter (d) max. [mm]	Copper index [kg/km]	Weight [kg/km]
CFSOFT2.02.03	(3x0.25)C	6.0	17	41
CFSOFT2.02.08	(8x0.25)C	7.5	38	86
CFSOFT2.03.04	(4x0.34)C	6.5	24	50
CFSOFT2.05.04	(4x0.5)C	7.5	36	80

Note: The given outer diameters are maximum values and may tend toward lower tolerance limits. G = with green-yellow earth core x = without earth core

/ Horizontal Flame

PV 3.10.7 - status

le guarantee and

R min. [factor x d] 7.5 6 7.5

R min.

[factor x d]

8.5

7

8.5

CFSOFT2 PVC 5 x d



