



















igupren Power cable | CFCRANE

- for maximum voltages and outputs
- igupren outer jacket
- oil-resistant
- flame-retardant

	<b>Conductor</b>	Highly flexible cable consisting of tinned copper wires (following VDE 0295).
	<b>Core insulation</b>	Inner and outer semiconducting layer made of conductive rubber. Insulating sheath made of high-quality, heat-resistant and ozone-proof ethylene propylene rubber (EPR).
	<b>Overall shield</b>	Extremely bending-resistant, tinned copper shield. Coverage approx. 80% optical.
	<b>Outer jacket</b>	Low-adhesion mixture on the basis of iguprene, especially abrasion-resistant and highly flexible, adapted to suit the requirements in energy chains® (following VDE 0207 Part 21). Colour: Red
	<b>Bending radius</b>	<b>moved</b> minimum 10 x d <b>fixed</b> minimum 7,5 x d
	<b>Temperature</b>	<b>moved</b> -20 °C to +80 °C <b>fixed</b> -30 °C to +80 °C
	<b>v max.</b>	10 m/s, 6 m/s
	<b>unsupported/gliding</b>	
	<b>a max.</b>	50 m/s²
	<b>Travel distance</b>	Freely suspended travel distances and up to 400 m and more for gliding applications, Class 5
	<b>UV-resistant</b>	High
	<b>Nominal voltage</b>	6/10 kV (following DIN VDE 0250), other voltages upon inquiry.
	<b>Testing voltage</b>	17 kV (following DIN VDE 0250, Part 813).
	<b>Oil</b>	Oil-resistant (following DIN EN 60811-2-1), Class 3.
	<b>Flame-retardant</b>	According to IEC 60332-1-2, CEI 20-35, FT1, VW-1
	<b>Silicon-free</b>	Free from silicon which can affect paint adhesion (following PV 3.10.7 – status 1992).
	<b>CE</b>	Following 2006/95/EG
	<b>Lead free</b>	Following 2011/65/EC (RoHS-II)

 eplan download, configurator ► [www.igus.eu/CFCRANE](http://www.igus.eu/CFCRANE)

1030 types from stock no cutting costs ...  
(for up to 10 cuts of the same type)

Class 6.5.3 (6 maximum load requirements 5 travel distance up to 400 m and more 3 oil-resistant)

**New!** Guaranteed lifetime for this series according to the "chainflex® guarantee club" conditions ► **Page 22-25**

Double strokes*					5 million	7,5 million	10 million
Temperature, from/to [°C]	v max. [m/s]		a max. [m/s²]	Travel distance [m]	R min. [factor x d]	R min. [factor x d]	R min. [factor x d]
	unsupported	gliding					
-20 / -10					12,5	13,5	14,5
-10 / +70	10	6	50	> 400	10	11	12
+70 / +80					12,5	13,5	14,5


\* higher number of double strokes possible

Typical application area

- for maximum load requirements
- almost unlimited resistance to oil
- Indoor and outdoor applications, UV-resistant
- freely suspended travel distances and up to 400 m and more for gliding applications
- Ship to shore, crane applications, conveyer technology

Delivery program Part No.	Number of cores and conductor nominal cross section [mm²]	External diameter max. [mm]	Copper index [kg/km]	Weight [kg/km]
CFCRANE.1x25/16-6/10kV <sup>(1)</sup>	(1 x 25/16)C	24,5	582	933
CFCRANE.1x35/16-6/10kV <sup>(1)</sup>	(1 x 35/16)C	26,5	624	1057
CFCRANE.1x50/16-6/10kV <sup>(1)</sup>	(1 x 50/16)C	29,5	784	1292
CFCRANE.1x70/16-6/10kV <sup>(1)</sup>	(1 x 70/16)C	31,0	950	1550
CFCRANE.1x95/16-6/10kV <sup>(1)</sup>	(1 x 95/16)C	32,5	1173	1757
CFCRANE.1x120/16-6/10kV <sup>(1)</sup>	(1 x 120/16)C	34,5	1437	2131

(1) Delivery time upon inquiry  
Note: The mentioned external diameters are maximum values and may tend toward lower tolerance limits.  
G = with green-yellow earth core x = without earth core

 Order example: CFCRANE1x25/16-6/10kV – in your desired length (0,5 m steps)  
CFCRANE chainflex® series .1 x 25/16 Code nominal cross section -6/10 Nominal voltage

 prices price list online  
[www.chainflex.eu/CFCRANE](http://www.chainflex.eu/CFCRANE)

 delivery time despatched in 24 hours or today



chainflex® CFCRANE for 500 m and more of travel. e-chain®: igus® rol e-chain®

... no minimum order quantity ...  
igus® GmbH Cologne | Tel. +49(0)2203/9649-800 Fax -222 | [info@igus.de](mailto:info@igus.de) | [www.chainflex.eu](http://www.chainflex.eu)