TPE Power cable | CF330.D

- for maximum load requirements
- TPE outer jacket
- oil-resistant
- biooil-resistant
- PVC-free/halogen-free
- UV-resistant
- hydrolysis-resistant and microbe-resistant

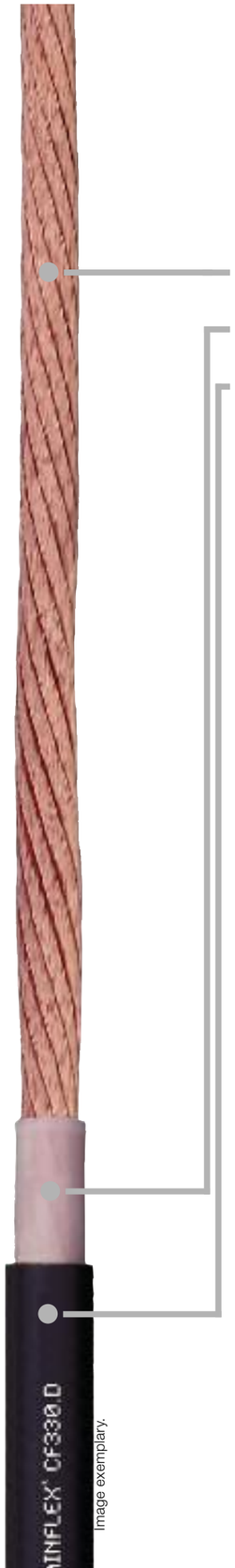

Image exemplary.

Conductor	Conductor cable consisting of pre-leads (following EN 60228).
Core insulation	Mechanically high-quality TPE mixture.
Outer jacket	Low-adhesion mixture on the basis of TPE, especially abrasion-resistant and highly flexible, adapted to suit the requirements in energy chains®. Colour: Jet black (similar to RAL 9005)
Bending radius	**moved** minimum 7,5 x d **fixed** minimum 4 x d
Temperature	**moved** -35 °C to +90 °C **fixed** -40 °C to +90 °C
v max. unsupported/gliding	10 m/s, 6 m/s
a max.	100 m/s²
Travel distance	Freely suspended travel distances and up to 400 m for gliding applications, Class 5
Torsion	± 90 °, with 1 m cable length
UV-resistant	High
Nominal voltage	600/1000 V (following DIN VDE 0250).
Testing voltage	4000 V (following DIN VDE 0281-2).
Oil	Oil-resistant (following DIN EN 60811-2-1), biooil-resistant (following VDMA 24568 with Plantocut 8 S-MB tested by DEA), Class 4.
Silicon-free	Free from silicon which can affect paint adhesion (following PV 3.10.7 – status 1992).
Halogen-free	Following EN 50267-2-1.
CE	Following 2006/95/EG
DESINA	According to VDW, DESINA standardisation
Lead free	Following 2011/65/EC (RoHS-II)

eplan download, configurator ► www.igus.eu/CF330

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

Class 7.5.4 (7 maximum load requirements 5 travel distance up to 400 m 4 oil-resistant)

CF330.D
TPE
7,5 x d

Clean room	According to ISO Class 1. Outer jacket material complies with CF9.15.07, tested by IPA according to standard 14644-1
EAC	Certified according to N° TC RU C-DE.ME77.B.00964

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] unsupported	v max. [m/s] gliding	a max. [m/s²]	Travel distance [m]	*R* min. [factor x d]	*R* min. [factor x d]	*R* min. [factor x d]
-35 / -25	10	6	100	≤ 400	10	11	12
-25 / +80					7,5	8,5	9,5
+80 / +90					10	11	12

* higher number of double strokes possible

Typical application area

- for maximum load requirements
- almost unlimited resistance to oil, also with bio-oils
- Indoor and outdoor applications, UV-resistant
- freely suspended travel distances and up to 400 m for gliding applications
- Storage and retrieval units for high-bay warehouses, machining units/machine tools, quick handling, clean room, semiconductor insertion, ship to shore, outdoor cranes, low-temperature applications

Delivery program Part No.	Number of cores and conductor nominal cross section [mm²]	External diameter max. [mm]	Copper index [kg/km]	Weight [kg/km]
CF330.60.01.D	1x6,0	7,0	62	83
CF330.100.01.D	1x10,0	8,0	106	128
CF330.160.01.D	1x16,0	9,5	167	197
CF330.250.01.D	1x25,0	11,0	264	300
CF330.350.01.D	1x35,0	12,5	370	411
CF330.500.01.D	1x50,0	14,5	528	570
CF330.700.01.D	1x70,0	16,5	766	810
CF330.950.01.D	1x95,0	20,0	1009	1088
CF330.1200.01.D	1x120,0	21,5	1276	1357
CF330.1500.01.D	1x150,0	23,5	1529	1552
CF330.1850.01.D	1x185,0	26,5	2079	2167

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: CF330.160.01.D – in your desired length (0,5 m steps)
CF330.D chainflex® series **.160** Code nominal cross section **.01** Number of cores

prices price list online
www.chainflex.eu/CF330

delivery time despatched in
24 hours or today

... no minimum order quantity ...