CFBRAID TPE 10 x d

TPE Motor cable | CFBRAID

- For extremely heavy duty applications
- TPE outer jacket
- Unshielded/shielded
- Oil-resistant, bio-oil-resistant
- Flame-retardant
- UV-resistant
- Hydrolysis-/microbe-resistant

Dumonaio information

Dynar	nic information						
	Bending radius	e-chain [®] minimum 7.5 x d flexible					
		fixed	minimum 4 x d				
°	Temperature	e-chain®	-35 °C to +70 °C				
		flexible	-45 °C to +70 °C				
		fixed	-50 °C to +70 °C				
Č	v max.	gliding	6 m/s				
a	a max.	80 m/s ²					
	Travel distance	Gliding travel distances up to 400 m and more, Class 6					
Cable	structure						
	Conductor	Stranded conductor in especially bending-resistant version consisting of bare copper wires (following EN 60228).					
\bigcirc	Core insulation	Mechanically high-quality PVC mixture (according to DIN VDE 0207 Part ⁴).					
	Core stranding	Cores braided together using a special technique.					
	Core identification	Cores black with white numerals, one core green-yellow.					
	Inner jacket	TPE mixture adapted to suit the requirements in e-chains® (for shielded types).					
0	Overall shield	Extremely bending-resistant braiding made of tinned copper wires. Cover approx. 70% linear, approx. 90% optical (for shielded types)					
R	Outer jacket	Low-adhesion mixture on the basis of TPE, especially abrasion- resistant and highly flexible, adapted to suit the requirements in e-chains [®] . Colour: Jet black (similar to RAL 9005)					
Electrical information							
40	Nominal voltage	600/1000 V (following DIN VDE 0250)					
A	Testing voltage	4000 V (following DIN EN 50396)					
	rties and approvals						
20V	UV-resistant	High					
5	Oil	Oil-resistant (following DIN EN 60811-2-1), bio-oil-resistant (following					
oil 🌢		VDMA 24568 with Plantocut 8 S-MB tested by DEA), Class 4					
	Flame-retardant	According to IEC 60332-1-2, CEI 20-35, FT1, VW-1					
A	EPLAN download, configurators > www.igus.eu/CFBRAID						

1,040 types from stock no cutting costs ...

(up to 10 cuts of the same types)

Class 6.6.4 6 extremely heavy duty applications 6 travel distance up to 400 m and more 4 oil-resistant

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Silicon-free	Free from silicon which can affect paint adhesion (following PV 3.10.7 - status 1992)				
ERE EAC	Certified according to No. TC RU C-DE.ME77.B.01255				
C TP	Certified according to No. C-DE.PB49.B.00420				
CEI	Following CEI 20-35				
RoHS Lead free	Following 2011/65/EC (RoHS-II)				
Clean room	According to ISO Class 1. Outer jacket material complies with CF34.UL.25.04.D, tested by IPA according to standard 14644-1				
DESINA	According to VDW, DESINA standardisation				
CE	Following 2006/95/EC				
Tunical application areas					

Typical application areas For extremely heavy duty applications

- Almost unlimited resistance to oil. also with bio-oils
- Indoor and outdoor applications, UV-resistant
- Gliding travel distances up to 400 m and more
- Storage and retrieval units for high-bay warehouses, quick handling, indoor/outdoor cranes, low-temperature applications
- Especially for applications with corkscrew-risk

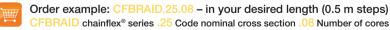
What is special about the CFBRAID?

Due to their unique type of design and especially in the case of cross-sections $\ge 2.5 \text{ mm}^2$ and long distances of travel with large numbers of cycles, cables with 7 cores have an increased tendency toward the formation of corkscrews. Due to the special design of the CF.BRAID with 8 braided cores, corkscrews can be completely ruled out.

Delivery program Part No.	Number of cores and conductor nominal cross section [mm²]	External diameter max. [mm]	Copper index [kg/km]	Weight [kg/km]
CFBRAID.25.08	8 G 2.5	20.0	212	451
CFBRAID.25.08.C ⁸⁾	(8 G 2.5)C	23.5	352	716

8) without Desina

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





Online order ► www.chainflex.eu/CFBRAID

Delivery time 24h or today. Delivery time means time until shipping of goods.

EAC CE

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