

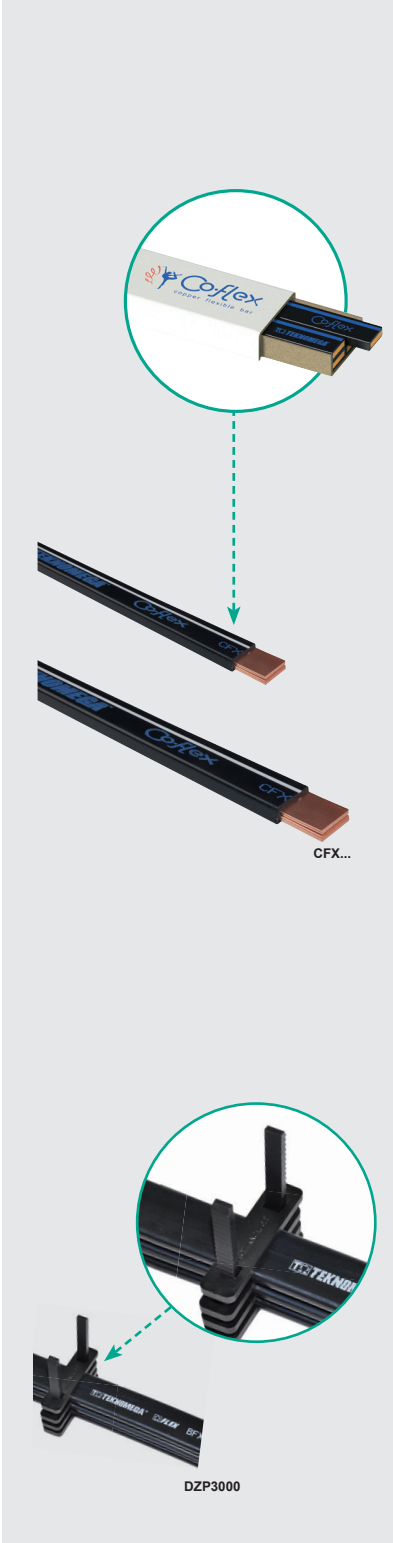
Please note: Prices of copper products are based on the London Metal Exchange and will vary from time to time. Consult our sales department for the latest pricing before placing orders.



Coflex series - Insulated flexible busbars

COFLEX is designed with high conductivity electrolytic copper laminates (CuETP), protected within a durable highly resistant self extinguishing PVC insulation, guaranteeing excellent electrical insulation in aggressive high temperature environments.

- Conductor: Electrolytic copper Cu-ETP 99.90% (*laminate thickness 0.8 - 1.0 mm*)
- Insulation: Self-extinguishing PVC UL 94-V0 (*thickness 2 mm*)
- Dielectric rigidity: 20 kV / mm
- Max. elongation: 365%
- Rated voltage: 1000 VAC / 1500 VDC
- Working temperature: -40°C - +105°C
- Standard length: 2 meters



type	conductor size (mm)						ΔT (°K) see Annex-1 max. current capacity (A) at ΔT (°K) as per IEC 439-1				
	width	No. Laminations	thick	total thickness	cross section (mm ²)	length (metre)	65°C	50°C	40°C	30°C	20°C

Insulated flexible busbars (2 metre lengths)

CFX 1005	9	3	0.8	2.4	21.6	2	160	140	125	108	89
CFX 1020	9	6	0.8	4.8	43.2	2	285	250	224	194	158
CFX 1023	13	6	0.5	3	39	2	285	250	224	194	158
CFX 1035	15.5	4	0.8	3.2	49.6	2	365	320	286	248	202
CFX 1045	15.5	6	0.8	4.8	74.4	2	456	400	358	310	253
CFX 1060	20	3	1.0	3	60	2	399	350	313	271	221
CFX 1070	20	5	1.0	5	100	2	490	430	385	333	272
CFX 1076	20	8	1.0	8	160	2	638	560	501	434	354
CFX 1090	24	3	1.0	3	72	2	456	400	358	310	253
CFX 1100	24	5	1.0	5	120	2	581	510	456	395	323
CFX 1115	24	10	1.0	10	192	2	912	800	716	620	506
CFX 1135	32	5	1.0	5	160	2	741	650	581	503	411
CFX 1145	32	8	1.0	8	256	2	992	870	778	674	550
CFX 1150	32	10	1.0	10	320	2	1163	1020	912	790	645
CFX 1170	40	5	1.0	5	200	2	884	775	693	600	490
CFX 1180	40	8	1.0	8	320	2	1180	1035	926	802	655
CFX 1185	40	10	1.0	10	400	2	1343	1178	1054	912	745
CFX 1200	50	5	1.0	5	250	2	1055	925	827	717	585
CFX 1210	50	8	1.0	8	400	2	1357	1190	1064	922	753
CFX 1215	50	10	1.0	10	500	2	1573	1380	1234	1069	873
CFX 1230	63	5	1.0	5	315	2	1209	1060	948	821	670
CFX 1240	63	8	1.0	8	504	2	1596	1400	1252	1084	885
CFX 1245	63	10	1.0	10	630	2	1391	1615	1444	1251	1021
CFX 1260	80	5	1.0	5	400	2	1459	1280	1145	991	810
CFX 1270	80	8	1.0	8	640	2	1833	1608	1438	1246	1017
CFX 1275	80	10	1.0	10	800	2	2028	1779	1591	1378	1125
CFX 1285	100	5	1.0	5	500	2	1750	1535	1373	1189	971
CFX 1300	100	10	1.0	10	1000	2	2394	2100	1878	1627	1328

Derating coefficient for bars in parallel			
Number of bars	2 bars	3 bars	4 bars
Coefficient to use x	1.8	2.5	3.2

Accessories

Simple support with spacer

- For use with insulated flexible bars up to 32 x 10 mm
- Possibility to fit up to 4 flexible bars
- Mounts into panel board by means of screw (*not supplied*) inserted at the base of spacer
- Excellent heat dissipation due to the spacing between bars

DZP3000 panel mount spacer and overlapping support for flexible bars up to 32 x 10 mm