



Laminated Flexible Busbar

SIZES CURRENTLY IN STOCK					Current Capacity with an ambient temperature of 20°C								Copper Weight (kg/m)	Gross Weight Bar (kg/m)
Width(mm)	Thickness of Copper Strips (mm)	No. Of Copper Strips	Length	Cross Section copper (mm ²)	According to the Conductor Temperature rising									
					20°C	30°C	40°C	50°C	60°C	70°C	80°C			
9	0.8	3	2m	21.6	83	104	121	136	149	160	170	0.192	0.234	
15.5	0.8	2	2m	24.8	102	128	149	167	183	197	209	0.221	0.278	
20	1	2	2m	40	172	215	250	280	306	329	350	0.356	0.427	
20	1	3	2m	60	222	278	324	363	397	427	453	0.534	0.607	
20	1	4	2m	80	249	311	363	406	444	478	507	0.712	0.788	
20	1	6	2m	120	285	356	415	465	509	547	581	1.068	1.15	
24	1	4	2m	96	288	360	420	470	514	553	587	0.854	0.941	
24	1	5	2m	120	318	398	463	519	568	610	648	1.068	1.158	
24	1	8	2m	192	417	522	607	681	744	800	850	1.709	1.807	
32	1	6	2m	192	443	554	645	723	790	850	903	1.709	1.823	
32	1	8	2m	256	533	677	777	870	951	1023	1087	2.278	2.398	
40	1	6	2m	240	530	663	773	866	947	1018	1081	2.136	2.272	
50	1	6	2m	300	639	799	931	1043	1140	1226	1302	2.67	2.833	

COPPER

Copper Cu-ETP with a minimum copper content of 99.90%ⁱ

Specifications upon NFA 51 050, EN 13599

Conductivity > 100 IACS

HV < 50

Tensile strength R_m > 200 N/cm²

Elongation after break : > 35 %

INSULATING MATERIAL

Black colour insulating PVC self-extinguish

Thickness 1,5 - 2 mm

Specifications upon BS 6746, DIN EN 50363, UL 94 VO

Elongation > 200%

Tensile strength > 15 N/mm²

ELECTRICAL CHARACTERISTICS

Dielectric rigidity 20 kV / mm

Tension of use 1000 V AC / 1500 V DC

Temperature of use -40° up to + 105°C

