

Flexible Braided Copper Conductors



The Best Solution For Your Application

THE QUALITY CONNECTION

NEXUS

Flexible Braided Conductor

Product portfolio

Tapes
woven /
braided

Custom made flexible braided copper conduct, flat rolled, copper tapes, round stranded copper flexible

Material

E-Cu, plain, tinned.

Packaging

Carton box / wooden case

Special versions

If required, individual dimensions can be varied slightly during the rolling process. Non standard dimensions may require design modifications.



Assemblies / finishing

The following table will help you to select the correct conductor cross section as a function of the current rating.

Cross-sectional area range

38 - 3500mm²

Example applications

Power semiconductors
Thyristors
Relays
Battery connectors
Current-operated earth-leakage circuit-breakers
Earthing straps
Power transformer
Power generator set
Switchboard

Special benefits

In order to provide as much as help as possible with the processing and fitting of our copper flexibles and copper straps, we have developed techniques of finishing the end in such a way that the flexibles and straps can be easily connected and the electrical contact resistance at the connection points is kept as low as possible.

We shall be pleased to advise you about the optimum design of the corresponding connection points.



Table of current rating

Nom. Cross-section	Max. permitted current rating	Nom. Cross-section	Max. permitted current rating
mm ²	approx. A	mm ²	approx. A
0.10	5	25	150
0.14	6	35	195
0.20	7	50	250
0.25	9	70	300
0.35	10	95	360
0.50	12.5	120	420
0.75	15	150	480
1	18	185	570
1.50	21	240	670
2.50	30	300	780
4	40	400	950
5.25	44	500	1100
6	55	625	1300
8	70	800	1500
10	85	1000	1800
16	120	1200	2150

Current rating range for flexible braided copper conductors
200 - 10,000A



SPECIALISTS IN FLEXIBLE BRAID CONDUCTORS

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