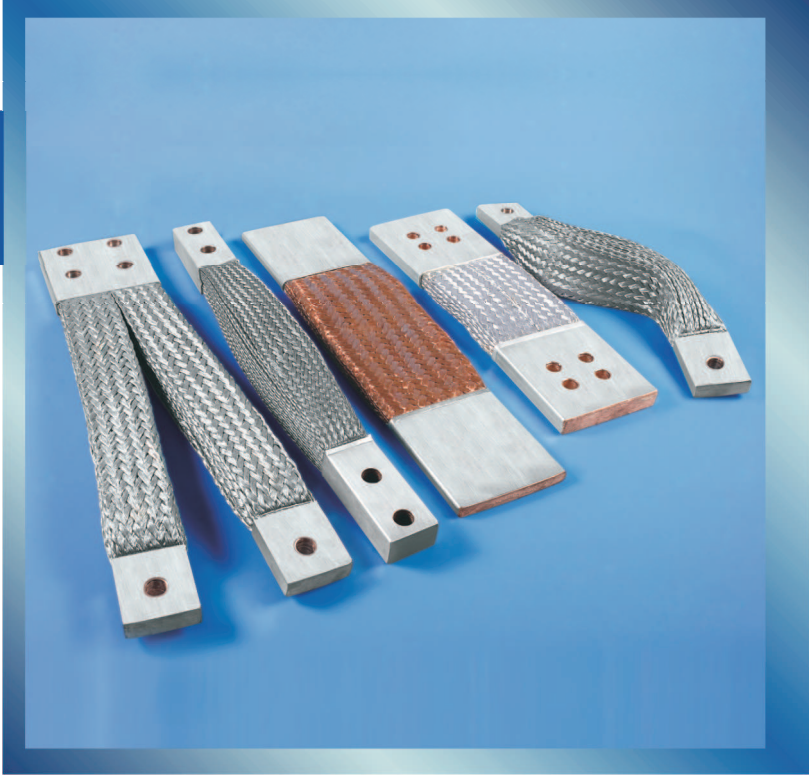


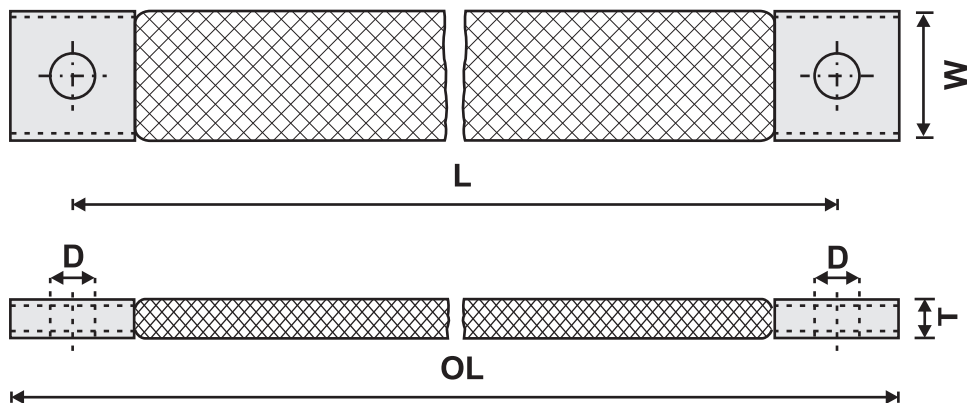
Heavy duty Busbar flexible connectors are manufactured using multilayered braids up-by-up or side-by-side to increase the current carrying capacity. This can be supplied from 250 Amps to 4000 Amps catering to Busduct, Switchgear and generator manufacturers.



FLAT BRAIDED COPPER FLEXIBLE CONNECTORS

HOW TO ORDER

When ordering flat braided flexible connector, please furnish following information



- W - Width
- T - Thickness
- OL - Overall length
- L - Length between hole centres
- D - Hole diameter
- Cross section area of braid
- Single strand diameter

COPPER FLEXIBLE CONNECTORS

Flexible connectors are used in transmitting current across the conducting mediums which are subject to different motions caused by thermal expansion, vibration or operation movement etc. These flexible connectors are widely used in electrical distribution, switchgear and automobile industries providing maximum conductivity and minimum mv drop maintaining excellent flexibility.

Flexible Connectors are manufactured in range of 1 mm² to 4000 mm² for carrying current upto 4000 Amps and are supplied using bare copper or tinned or silverplated braided/stranded wires with end terminals also either in Bare Copper or tinned or silverplated as per customer's requirements.

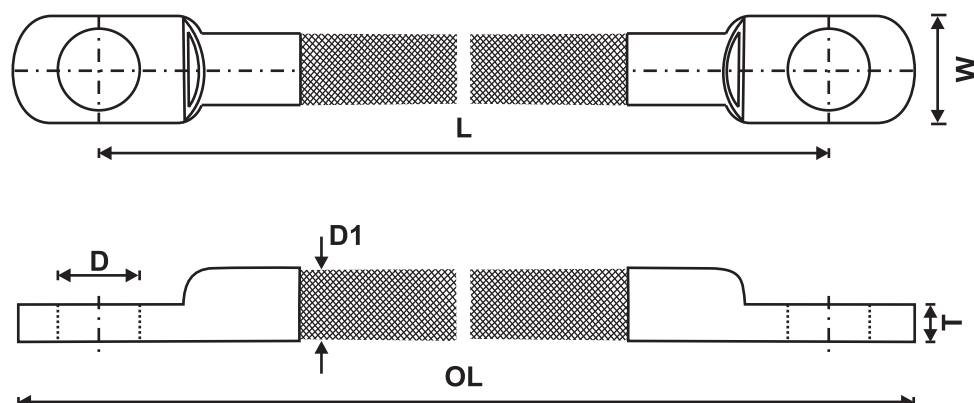
Flexible Connectors are normally supplied in non-insulation design but on request it can be supplied with insulation sleeves of heatshrink, silicone, PVC, fibreglass etc.

ROUND STRANDED COPPER FLEXIBLE CONNECTORS

HOW TO ORDER

When ordering round stranded flexible connector, please furnish following information

- W - Width
- T - Thickness
- OL - Overall length
- L - Length between hole centres
- D - Hole diameter
- D1 - Diameter of cable
- Cross section area of braid
- Single strand diameter



LAMINATED COPPER FLEXIBLE CONNECTORS

We manufacture laminated copper flexible connectors using electrolytic copper grade foils or sheets having high conductivity and it is available in various sizes of different cross sectional area.



RESISTANCE WELDED COPPER FLEXIBLES & WELDED COMPONENTS

Resistance welded copper flexibles are available from 0.25 mm² to 20 mm². We cater to OEM of circuit breakers, relays etc. Higher cross section area can be supplied on request. We can supply copper flexible welded with ferrous or non-ferrous components.

TABLE OF CURRENT RATING

The below table will help you to select cross section area of flexible against required current rating. The values specified in the table must be considered only as non-binding guidance value, since several factors influence the current rating.

Nominal cross sectional area sq. mm	Maximum permissible load approx. A	Nominal cross sectional area sq. mm	Maximum permissible load approx. A
0.1	5	35	195
0.14	6	50	250
0.2	7	70	300
0.25	9	95	360
0.35	10	120	420
0.5	12.5	150	480
0.75	15	185	570
1	18	240	670
1.5	21	300	780
2.5	30	400	950
4	40	500	1100
5.25	44	625	1300
6	55	800	1500
8	70	1000	1800
10	85	1500	2200
16	120	2000	2400
25	150	3000	3000

Measured at 35° C room temperature and maximum permissible value of the conductor of 70° C



ROUND STRANDED COPPER FLEXIBLES DIN 46438

Material: Electrolytic Copper / Oxygen Free Copper

Finish: Bare Copper / Tin Coated / Silverplated

Range: 0.1 mm² to 1500 mm²

Single Strand Diameter: 0.5 mm to 0.05 mm

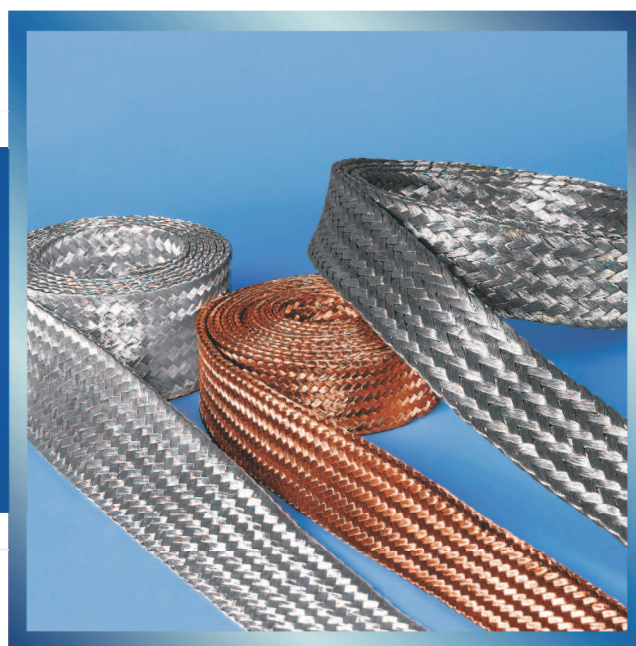
BRAIDED COPPER TAPES, FLAT ROLLED DIN 46444 / DIN 72333

Material: Electrolytic Copper / Oxygen Free Copper

Finish: Bare Copper / Tin Coated / Silverplated

Range: 0.09 mm² to 400 mm²

Single Strand Diameter: 0.5 mm to 0.05 mm



ROUND BRAIDED COPPER FLEXIBLES

Material: Electrolytic Copper / Oxygen Free Copper

Finish: Bare Copper / Tin Coated / Silverplated

Range: 0.047 mm² to 70 mm²

Single Strand Diameter: 0.5 mm to 0.05 mm

SQUARE BRAIDED COPPER FLEXIBLES

Material: Electrolytic Copper / Oxygen Free Copper

Finish: Bare Copper / Tin Coated / Silverplated

Range: 0.50 mm² to 70 mm²

Single Strand Diameter: 0.5 mm to 0.05 mm



ROUND STRANDED COPPER FLEXIBLES WITH OVERALL BRAIDING DIN 46440

Material: Electrolytic Copper / Oxygen Free Copper

Finish: Bare Copper / Tin Coated / Silverplated

Range: 0.35 mm² to 1500 mm²

Single Strand Diameter: 0.5 mm to 0.05 mm

FLAT WOVEN COPPER CABLES DIN 46443

Material: Electrolytic Copper / Oxygen Free Copper

Finish: Bare Copper / Tin Coated / Silverplated

Range: 4 mm² to 70 mm²

Single Strand Diameter: 0.5 mm to 0.05 mm

