Laminated Copper Busbars...

RITTAL FLEXIBAR®

High Amperage Conductor Solutions For:
- Busbar Systems
- Power Distribution
- UPS Systems
- AC/DC Drive Units
- Motor Controls
- Transformers

Courtesy of Steven Engineering
230 Ryan Way, South San Francisco, CA 94080-6370
Main Office: (650) 588-9200
Outside Local Area: (800) 258-9200
www.stevenengineering.com
Multiple Advantages

Flexibar consists of laminated strips of pure electrolytic copper that slide smoothly within a protective PVC jacket. Flexibar can offer many advantages versus traditional wire and cable.

- Saves valuable panel space.
- Requires less assembly time.
- Eliminates large parallel wire runs.
- Requires no termination lugs.
- Requires less terminations for increased efficiency.
- Improves engineering and design flexibility.
- Lowers the total installed cost.

Multiple Applications

Rittal Flexibar is an ideal conductor for many types of Power Distribution applications:

- Busbar Systems
- Motor Control Centers
- Drive Systems
- Switchboards
- Control Panels
- Power Supplies
- Electrical Machinery
- Transformers
- Transformers
- UPS Systems

### Rittal Flexibar Accessory Products

#### Universal Support

For installation and support of Flexibar 20 x 5 mm to 63 x 10 mm.

**Material:**

Fiberglass-reinforced, thermoplastic polyester (PBT). Includes screws and cage nuts for optional mounting on PS/TS enclosure system bars.

<table>
<thead>
<tr>
<th>Part No. SV</th>
<th>Description</th>
<th>Length</th>
<th>Max. Amps*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3079000</td>
<td>30 x 63 x 1 mm</td>
<td>2000 mm</td>
<td>1600 A</td>
</tr>
</tbody>
</table>

* At +50°C temperature rise above ambient.

**Contact your local Rittal Representative concerning minimum purchase volumes.**

---

**Flexible Laminated Copper Busbars...**

**STANDARD FLEXIBAR® SOLUTIONS**
MADE-TO-ORDER FLEXIBAR®

Rittal can provide pre-formed Flexibar solutions made to your specifications. Simply provide Rittal with a CAD drawing or even just a sketch and we will generate drawings and specifications that you can verify before the order is received. Rittal made-to-order flexibar is great for:

- OEM machine and projects
- MRO applications
- Custom electrical connections

Advantages:

- Reduces assembly time.
- Requires less panel space than cable.
- Increases overall safety.
- Eliminates costly installation lugs.
- Gives designers more options.
- Requires no tooling.

Material:

Conductor: Tinned electrolytic copper
Insulation: Polyvinyl Chloride
Temperature Range: -30 to +105°C
Self-extinguishing per UL 94 VO
Dielectric Resistance: 20 kV/mm

<table>
<thead>
<tr>
<th>MTO Part No.</th>
<th>Description</th>
<th>Max. Amps*</th>
</tr>
</thead>
<tbody>
<tr>
<td>3565009</td>
<td>Made-to-order 6 x 9 x 0.8 mm Flexibar</td>
<td>250 A</td>
</tr>
<tr>
<td>3566009</td>
<td>Made-to-order 6 x 13 x 0.5 mm Flexibar</td>
<td>200 A</td>
</tr>
<tr>
<td>3567009</td>
<td>Made-to-order 4 x 15.5 x 0.8 mm Flexibar</td>
<td>300 A</td>
</tr>
<tr>
<td>3568009</td>
<td>Made-to-order 6 x 15.5 x 0.8 mm Flexibar</td>
<td>350 A</td>
</tr>
<tr>
<td>3569009</td>
<td>Made-to-order 10 x 15.5 x 0.8 mm Flexibar</td>
<td>450 A</td>
</tr>
<tr>
<td>3570009</td>
<td>Made-to-order 5 x 20 x 1 mm Flexibar</td>
<td>400 A</td>
</tr>
<tr>
<td>3571009</td>
<td>Made-to-order 5 x 24 x 1 mm Flexibar</td>
<td>450 A</td>
</tr>
<tr>
<td>3572009</td>
<td>Made-to-order 10 x 24 x 1 mm Flexibar</td>
<td>800 A</td>
</tr>
<tr>
<td>3573009</td>
<td>Made-to-order 5 x 32 x 1 mm Flexibar</td>
<td>550 A</td>
</tr>
<tr>
<td>3574009</td>
<td>Made-to-order 10 x 32 x 1 mm Flexibar</td>
<td>1000 A</td>
</tr>
<tr>
<td>3575009</td>
<td>Made-to-order 5 x 40 x 1 mm Flexibar</td>
<td>800 A</td>
</tr>
<tr>
<td>3576009</td>
<td>Made-to-order 10 x 40 x 1 mm Flexibar</td>
<td>1200 A</td>
</tr>
<tr>
<td>3577009</td>
<td>Made-to-order 5 x 50 x 1 mm Flexibar</td>
<td>900 A</td>
</tr>
<tr>
<td>3578009</td>
<td>Made-to-order 10 x 50 x 1 mm Flexibar</td>
<td>1400 A</td>
</tr>
<tr>
<td>3579009</td>
<td>Made-to-order 10 x 63 x 1 mm Flexibar</td>
<td>1600 A</td>
</tr>
</tbody>
</table>

* At +50°C temperature rise above ambient.

Courtesy of Steven Engineering, Inc. • 230 Ryan Way, South San Francisco, CA 94080-6370 • Main Office: (650) 588-9200 • Outside Local Area: (800) 258-9200 • www.stevenengineering.com
Rittal Flexibar Made-To-Order Form/RFQ
Fax To: 1-800-477-4003  Attention: Flexibar Order Team

Name ___________________________________________________
Title _____________________________________________________
Company ________________________________________________
Address _________________________________________________
City ___________________ State __________ Zip ______________
Fax _____________________________________________________
E-mail ___________________________________________________
MTO Flexibar Part Number_________________________________
Quantity _________________________________________________

Is CAD drawing available?   Yes ☐   No ☐
If yes — (Rittal will contact you to obtain)
If no, please sketch MTO piece required, including:
• All dimensions and views required to fabricate the part
• All holes and hole sizes
• Insulation removed sections with dimensions
• All bends and twists.

Note: Drawing with dimensions must be supplied for Order/RFQ.