

FLEXIBLE BUSBAR

Supporting the demand for power connections with **excellent vibration and shock absorption**, our customized flexible busbars are ideal for power or battery applications and **improves electrical conductivity** without compromising mounting strength or vibration absorption.



FLEXIBLE & VERSATILE

- > Welding of multiple foils to a solid body at mounting areas while maintaining flexibility in other areas for easy bending.



EXCELLENT VIBRATION ABSORPTION

- > Ideal for applications requiring vibration, thermal expansion and/or assembly tolerance.



INTEGRATED POWER SOLUTION

- > High conductivity lamels to provide high power transmission and increase power efficiency.

HIGH FLEXIBILITY WITH CUSTOM CONFIGURATION

- > Custom configuration with option for rigid ends.
- > Custom length according to the requirements.
- > Supports integration with other power components.

STACKED LAMELS

- > Material: Copper or Aluminum foil.
- > Lamel thickness: 0.05 – 0.3mm.
- > Structural strength: 1.5 – 4mm thickness.
- > Tightly welded by diffusion at the mounting areas.
- > Customized for compatibility with specific assembly environments.



CONDUCTOR

MATERIAL	Layers of Cu/Al
PLATING	Sn, Ni, Ag
THICKNESS (FOILS)	50 – 300 µm

INSULATION (OPTIONAL)

MATERIAL	Heat shrink flame retardant PVC
COLOR	Orange, Black (standard) – Other colors on request
OPERATION TEMPERATURE	-40 °C to +105 °C (optional higher temperatures)
OPERATING VOLTAGE	Typical 1000V AC / 1500V DC (insulation depending)

DIMENSIONS

LENGTH	10 – 50 mm (weld length up to 50 mm)
WIDTH	1 – 10 cm
TOTAL THICKNESS	0.5 – 10 mm

NEED A CUSTOMIZED SOLUTION?

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