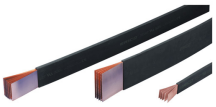
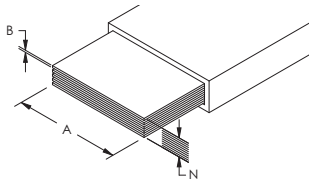
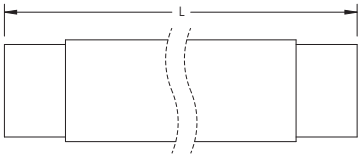
ERIFLEX FLEXIBAR, Red Copper – FLEX2MRC6X100X1 (552960)





- Thin layers of bare electrolytic copper formed into a stack
- Full range from 19.5 mm² up to 1200 mm² and 125 A to 2800 A
- Insulated by high-resistance, self-extinguishing PVC with less than 20% contact with conductor for high flexibility
- Easily bent, folded, and twisted, improving assembly flexibility, shortening connections, and decreasing footprint
- Dramatically smaller and more flexible than comparable cable based on ampacity
- Better power density than cable with lower skin effect ratio
- Connections made by punching and bolting directly through the copper laminates, clamping onto the end of the ERIFLEX FLEXIBAR, or welding using ERICO CADWELD
- No lugs needed, reducing installation time and improving resistance to vibration
- Weight savings and material savings compared to wire alternatives
- Reduces total installation cost
- Traceability codes and designation part numbers printed on insulation
- 100% production dielectric tested
- UL 758 Appliance Wiring Material requirements for Cold Bend testing at -40°C and -50°C (-40°F and -58°F)
- EAC compliant
- RoHS compliant





Part Number	FLEX2MRC6X100X1
Article Number	552960
Typical Application Current Rating	1,250 A
Material	Copper Polyvinylchloride
Dielectric Strength	20 kV/mm
Flammability Rating	UL® 94V-0
Insulation Elongation	370 %
Insulation Thickness	2 mm
Nominal Voltage, UL/IEC	1,000 VAC 1,500 VDC
Working Temperature	-50 to 105 °C
Forming Temperature	0 – 55 °C
Certification Details	UL® 67 UL® 758
Complies With	IEC® 60439.1 IEC® 61439.1 IEC® 61439.1 Class II

Part Number	FLEX2MRC6X100X1
Length (L)	2,000 mm
ΔT 40 K	1,393 A
ΔT 50 K	1,550 A
ΔT 60 K	1,705 A
Conducting Layers (N)	6
A	100 mm
B	1 mm
Cross Section	600 mm^2
2 Bar Current Coefficient	1.6
3 Bar Current Coefficient	2.02
Unit Weight	11.99 kg
Certifications	ABS 08-HS365878-2-PDA Bureau Veritas 02859 BV CE cURus EAC 0234251 (Russian Federation) IEC 61439-1 Class II FLEXIBAR IEC 61439-1 FLEXIBAR RoHS
Standard Packaging Quantity	2 pc
UPC	78285687682
EAN-13	3479775529608

ADMISSIBLE CURRENTS: This table indicates the temperature rise produced by chosen current in the given section. This calculation does not take into account the heat dissipation from the switch gear.

ΔT = Temperature of conductors – Internal temperature of panel.

Refer to technical documentation for additional ampacity ratings.