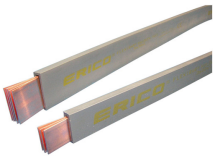
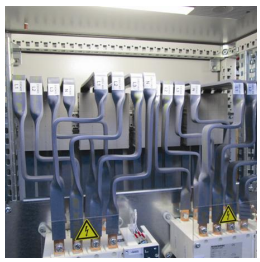
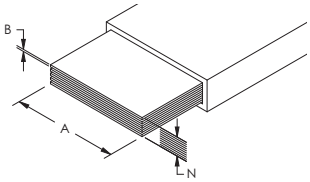
ERIFLEX FLEXIBAR SUMMUM, Halogen Free – FLEXSM2MRC10X50 (566810)

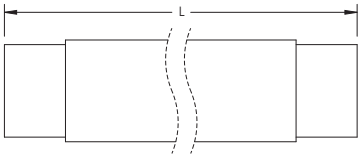






- Halogen free solution for applications requiring a low smoke solution
- Thin layers of bare electrolytic copper formed into a stack
- Silver or tinned ERIFLEX FLEXIBAR SUMMUM available on request
- Insulated by halogen-free, high-temperature silicone
- Easily bent, folded, and twisted, improving assembly 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
- Very high resistance to UV and ozone
- Limiting oxygen index (LOI)
- Traceability codes and designation part numbers printed on insulation
- GOST compliant
- RoHS compliant





Part Number	FLEXSM2MRC10X50
Article Number	566810
Material	Copper Silicone
Dielectric Strength	20 kV/mm
Flammability Rating	UL® 94V-0
Insulation Elongation	400 %
Insulation Thickness	2 mm
Nominal Voltage, IEC	1,000 VAC 1,500 VDC
Working Temperature	-50 to 280 °C
Complies With	IEC® 60439.1 IEC® 61439.1
Length (L)	2 m
ΔT 40 K	1,245 A

Part Number	FLEXSM2MRC10X50
ΔT 50 K	1,395 A
ΔT 60 K	1,525 A
Conducting Layers (N)	10
A	50 mm
B	1 mm
Cross Section	500 mm²
2 Bar Current Coefficient	1.72
3 Bar Current Coefficient	2.25
Unit Weight	9.68 kg
Certifications	ABS 08-HS365878-2-PDA CE EAC 0234251 (Russian Federation) IEC 61439-1 FLEXIBAR RoHS
Standard Packaging Quantity	2 pc
UPC	78285661717
EAN-13	3479775668109

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.