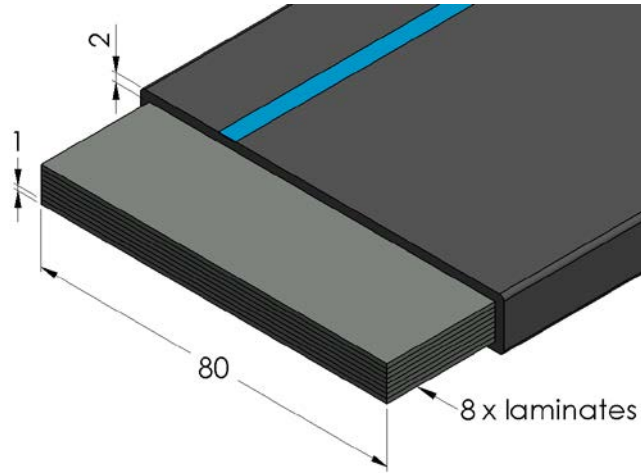


Product Datasheet

CFX5270



Main

| | | |
|----------------------------------|--------------------------------|-----------------------------|
| Family | Insulated copper flexible bars | |
| Version | Coflex Plus | |
| Standard length (m) | 2 | |
| Width (mm) | 100 | |
| Code | CFX5270 | |
| Reference | CFP 8X80X1 | |
| Number per package | 1 | |
| Weight (kg) | 12.1 | |
| Cross section (mm ²) | 640 | |
| In (A) vs ΔT | Rated Intensity (A) | Temperature rise ΔT |
| | 1314 | 35 °C |
| | 1682 | 55 °C |
| | 1916 | 70 °C |
| | 2378 | 105 °C |

Technical Features

Conductor

Tinned electrolytic copper: Cu-ETP – EN 13599

Laminate thickness: 1 mm

Insulation

TPE compound

Black color with a light blue line

Low smoke emission

Self-extinguishing UL 94-V0

Halogen free

Thickness: 1,9 mm ± 0,2 mm

Dielectric rigidity: 20 kV/mm

Class II according to Par. 8.4.4 IEC 61439-1

Recyclable

Finished Product

Rated voltage: 1000 V AC/1500 V DC

Working temperature: -40 °C to 140 °C

In vs. ΔT

I_n = Rated current A

ΔT = Temperature rise °C

$\Delta T = T_f - T_a$

T_f = Working temperature °C

T_a = Room temperature °C

Table of ampacities (A) are based on temperature rise ΔT as per **IEC 61439-1** with reference room temperature of 35°C.

For derating coefficient for the use of bars in parallel please refer to the catalogue.

Please contact Teknomega for non-specified tolerances.