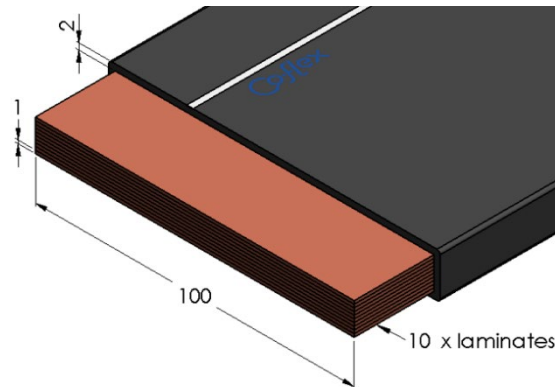


## Product Datasheet

### CFX1300



#### Main

|                                  |                                |                             |
|----------------------------------|--------------------------------|-----------------------------|
| Family                           | Insulated copper flexible bars |                             |
| Version                          | Coflex                         |                             |
| Standard length (m)              | 2                              |                             |
| Width (mm)                       | 100                            |                             |
| Code                             | CFX1300                        |                             |
| Reference                        | CFX 10X100X1                   |                             |
| Number per package               | 1                              |                             |
| Weight (kg)                      | 19.1                           |                             |
| Cross section (mm <sup>2</sup> ) | 1000                           |                             |
| In (A) vs $\Delta T$             | Rated Intensity (A)            | Temperature rise $\Delta T$ |
|                                  | 1739                           | 35 °C                       |
|                                  | 1996                           | 45 °C                       |
|                                  | <b>2227</b>                    | <b>55 °C</b>                |
|                                  | 2538                           | 70 °C                       |

## Technical Features

### Conductor

Electrolytic copper: Cu-ETP – EN 13599

Laminate thickness: 1 mm

### Insulation

PVC compound

Self-extinguishing PVC UL 94-V0

Black color with white line

Thickness: 2 mm  $\pm$  0.2

Dielectric strength: 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 105 °C

### In vs. $\Delta T$

$I_n$  = Rated current A

$\Delta T$  = 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  $\Delta T$  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.