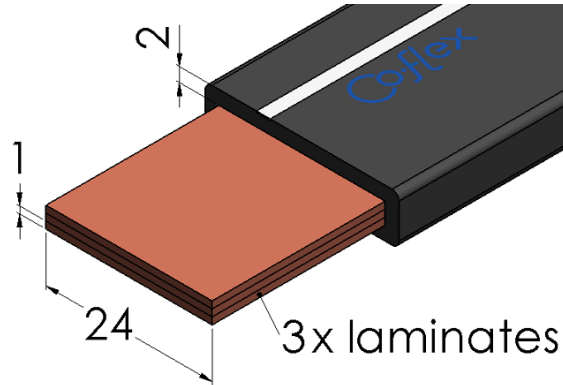


## Product Datasheet

### CFX3090



#### Main

Family	Insulated copper flexible bars	
Version	Coflex	
Standard length (m)	3	
Width (mm)	24	
Code	CFX3090	
Reference	CFX 3X24X1	
Number per package	1	
Weight (kg)	2.44	
Cross section (mm <sup>2</sup> )	72	
In (A) vs $\Delta T$	Rated Intensity (A)	Temperature rise $\Delta T$
	307	35 °C
	352	45 °C
	<b>392</b>	<b>55 °C</b>
	446	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 ± 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. ΔT

$I_n$  = 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.