



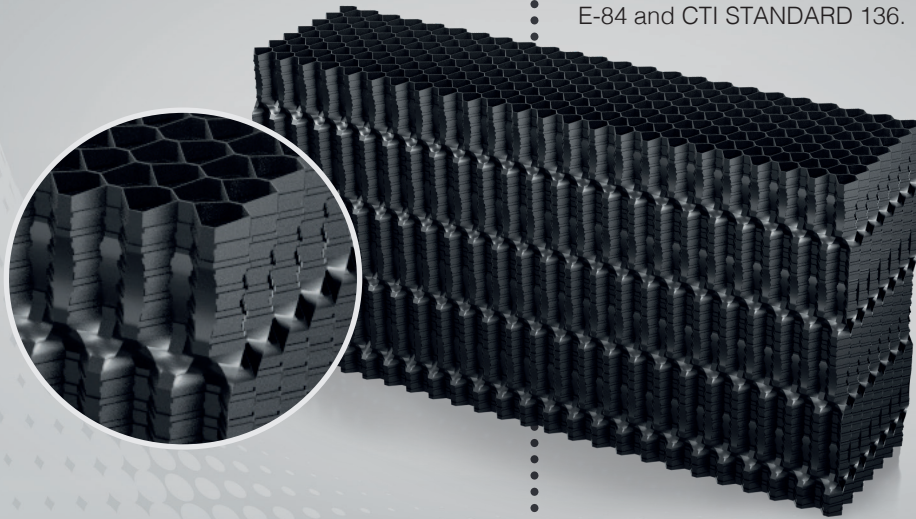
# OFpak 21

**COUNTERFLOW REDUCED FOULING FILL  
OFFSET VERTICAL FLUTE DESIGN**

**OFpak21** is a counterflow fill, obtained thanks to the assembly of shaped PVC sheets by thermoforming. With its particular surface design, **OFpak21** allows to increase the surface cooling area, making more efficient the air/water mixing.

Directional changes in air and water flow provide by offset vertical flutes of **OFpak21** allow to increase cooling level and greatly reduce the occurrence of fouling, promoting the thermal efficiency.

**OFpak21** can be realized in blocks or in sheets of different size. The self-extinguishing PVC used for realize this counterflow fill has an excellent fire rating and meets ASTM E-84 and CTI STANDARD 136.



### Type

Counterflow fill

### Materials

PVC

### Color

Black or white

### Standard dimensions

Length: 1200 ÷ 2400 mm

Width: 300 ÷ 600 mm

Depth: 300 ÷ 500 ÷ 600 mm

### Surface area

149 m<sup>2</sup>/m<sup>3</sup>

### Working temperature

- 5 °C/ + 55°C (high temperature + 75°C)

### Thickness

From 260 to 500 µm before thermoforming

### Sheet Spacing

21 mm

### Key Benefits

The use of PVC in compliance with the design construction of counterflow fill **OFpak21** warrants:

**Lightness and easy handling**

**High thermal performance**

**High resistance to erosion from water spray**

**Low maintenance**

**Low pressure drop**

**Reduced fouling**

On request, the product may be supplied in **HPVC**, available for high temperature applications and conditions.

### Use

Its vertical design and its high specific surface area allow the use of counterflow fill in a large number of applications:

**Cooling towers with polluted water**

**Scrubbers and stripping towers**

**Purification systems**