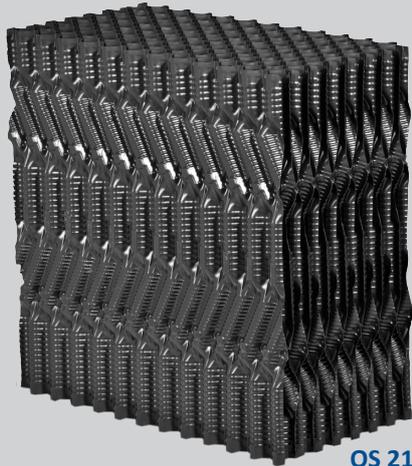
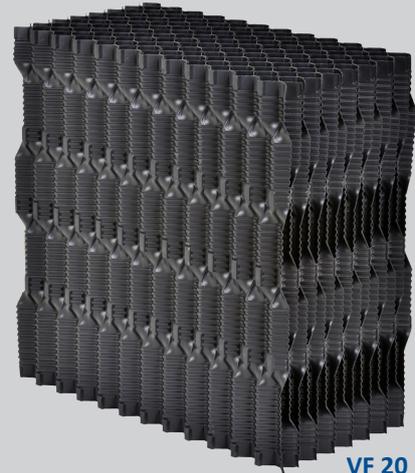


## Vertical-offset film fill series

High Performance and low clogging fills for water cooling



OS 21



VF 20

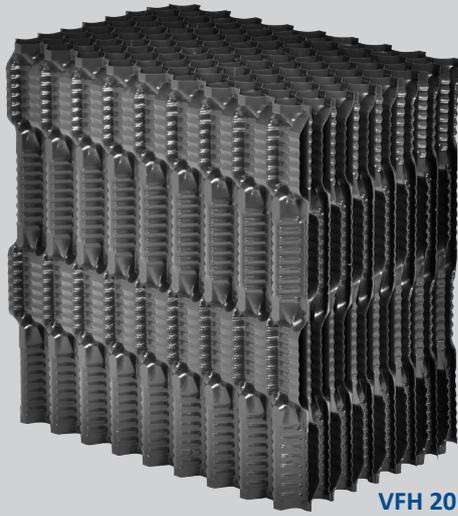
Vertical offset film fill types combine good cooling tower efficiency with low clogging behaviour once the water quality is moderately polluted.

Hewitech's film fills made with a direct inline foil-forming and final thermo-welding assembly process grant a very robust fill structure for a long lifespan and a self-supporting character in all installations. Controllable foil thickness enables fill stabilities and material adaption to be optimised to customers specification. The vertical part prohibits clogging and the offset structure generates a very good cooling character. The low drop pressure and the specific water-film design generate proven efficiency.

Calculating tools for cooling performance are available for free access on our website.

### Features

- Made of PP or PVC
- Available in multiple vertical offset design structures and weights per m<sup>3</sup>
- Enforced edges for better strength and reduced cost
- Self-supporting structure
- High temperature and chemical resistant
- Erosion resistant due to multiple welding points
- Flame retardant protection  
ASTM E84 and DIN 4102 or other on request
- Very good mechanical resistance (approved)
- Low pressure drop
- Good cooling performance



### Technical information

- Material: Polypropylene (PP) or Polyvinylchloride (PVC)
- Color: anthracite with UV resistant
- Resistant to dissolved various chemicals, fungi and rot resistant
- Maximal operation temperature: 75 °C (PP) / 55° C (PVC) (higher on request)
- Tolerances: max 2%
- Void ratio: > 97%
- On request special flame retardant ASTM E84 and DIN 4102 (other norms on request)

## Vertical-offset media types

### HEWITECH media types for counterflow cooling tower designs

Water Quality	Structure	Code	Corrugation (mm)	Material	Effective surface area [m <sup>2</sup> /m <sup>3</sup> ]	Technical Data L x W x H [mm]
slightly / moderately polluted		OS 21	21	PP & PVC	~148	2.400 x 600 x 300 or 600
slightly / moderately polluted		VF 20	20	PP & PVC	~140	2.400 x 600 x 300 or 600
slightly / moderately polluted		VFH 20	20	PP & PVC	~140	2.400 x 600 x 500 or 600
slightly / moderately polluted		CF 20	20	PP	~150	2.400 x 600 x 400 or 800

This general information about technical data and descriptions of our products has been put together with greatest care. We reserve the rights of any changes without further notice. We recommend to re-check data before using in final project designs. All data without obligations and consequences due to non-compliance.