

HEWiFILL vertical flow series

High effective fill media for water treatment processes



HEWiFILL vertical film media improves wastewater treatment plant efficiency. The wide opening and high efficient surface grant an excellent biological growth and an optimised sludge removal (reduced fouling risk). Adjustable foil thickness supports all required loads of treatment processes.

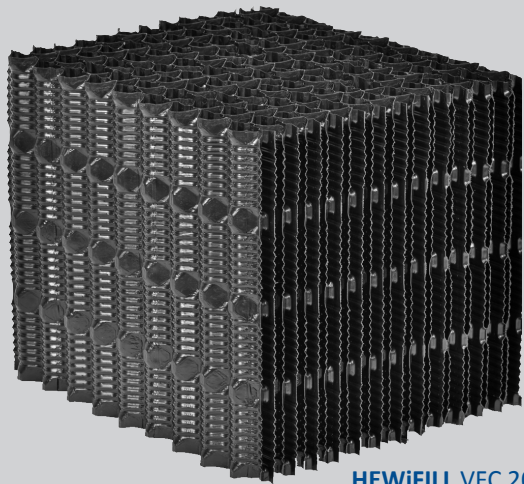


HEWiFILL vertical film media is made with a direct inline foil-forming and final thermo-welding assembly process grants a very robust fill structure for a long lifespan. The complete vertical design prohibits clogging and grant a good cleaning opportunity. Controllable foil thickness and multiple media structures enables fill stabilities to be optimized to various plant designs, which has also a self-supporting character in case of high biological load on the film media surface.

HEWiFILL vertical fluted media has been used successfully over decades in highly efficient and energy-saving water treatment plants around the world.

Features

- Made of PP, solvent free
- Available in multiple vertical design structures and weights per m³
- Enforced edges for better strength and reduced cost
- Self-supporting structure
- High temperature and chemical resistant
- Erosion resistant due to multiple welding points
- Very good mechanical resistance (approved)
- Excellent treatment performance



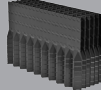
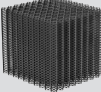
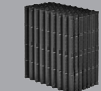
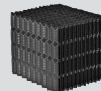
HEWiFILL VFC 20

Technical information

- Material: Polypropylene (PP)
- Color: anthracite with UV resistant
- Resistant to dissolved various chemicals, fungi and rot resistant
- Maximal operation temperature: 75 °C (PP) (higher on request)
- Tolerances: max 2%
- Void ratio: > 97%
- On request special flame retardant ASTM E84 and DIN 4102 (other norms on request)
- Length of module up to 2.400 mm or on request

HEWiFILL vertical fluted types

HEWITECH media types for water and waste water application

Water Quality	Structure	Code	Corrugation (mm)	Material	Effective surface area [m ² /m ³]	Technical Data L x W x H [mm]
heavy pollution	 vertical flat corrugated	VF 50	50	PVC	~100	2400 x 600 x 600
heavy pollution	 splash grid straight vertical	NB 25	25	PP	~100	3000 x 600 x 445
heavy pollution	 straight vertical film	VF 23	23	PP & PVC	~125	2400 x 600 x 300 or 600
medium pollution	 alternating flat corrugated	VFC 20	20	PP & PVC	~125	2400 x 600 x 510

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.