

Drift eliminator film series

Effective reduction of water loss in cooling processes



Small and medium size cooling towers demand efficient drift eliminator systems to significantly reduce water losses caused by upstreaming air above the cooling fill. These film drift eliminator elements are easy to install and can be dismantled and cleaned for further use in the cooling tower.

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.

Controllable foil thickness enables fill stabilities and material adaption to be optimized to customers specification. The low drop pressure and the specific design generate a proven reduction of water loss in the cooling process.

Features

- Made of PP, solvent free, UV resistant
- Eurovent certified drift rate
- High droplet separation
- Very low pressure drop
- Good mechanical strength with different foil thickness
- Easy and fast installation of compact elements
- Multiple welding point for long lifetime



DE 250

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) and 55 °C (PVC) (higher on request)
- Tolerances: max 2%
- On request special flame retardant
ASTM E84 and DIN 4102 (other norms on request)
- Length of elements >2400mm on request

HEWITECH drift eliminator system with adjusted strenght

Design	Structure	Code	Ratio sheets
DE 125		F1	1:1 flat / corrugated
DE 125		F3	1:3 flat / corrugated
DE 125		F5	1:5 flat / corrugated

We provide droplet eliminators in different shape designs in order to reduce the construction cost in smaller cooling tower units basically by optimization of the support system of eliminator sector.

The static of DE elements improved by adjustable foil thickness and free selected sequence of flat foils. Our Standard design is produced with a ratio of 1:7 flat to corrugated sequence.

On request we produce nested DE elements with one flat and one corrugated ending sheet per element.

Film drift eliminator series

HEWITECH drift eliminator systems with certified drift rates

Water Quality	Structure	Code	Material	Technical Data [mm] L x W x H
slightly / moderately polluted		DE 125	PP & PVC	2.400 x 600 x 125
slightly / moderately polluted		DE 250	PP & PVC	2.400 x 600 x 250

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.