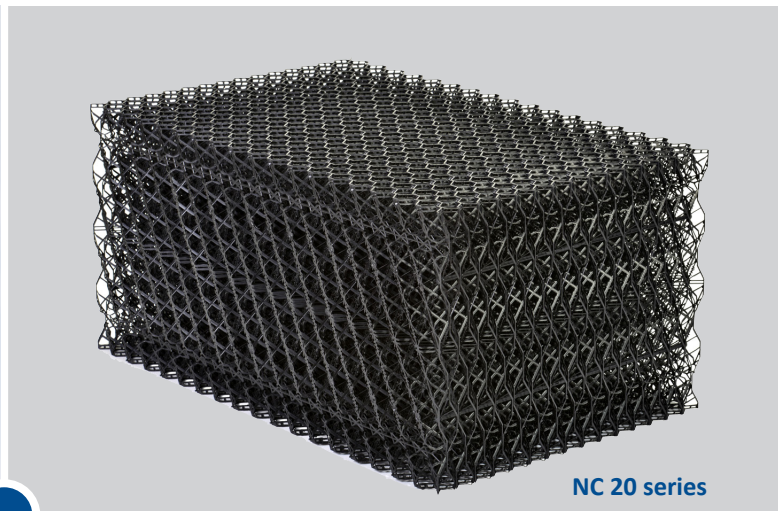


Trickle grid NC / VC series

High-performance trickle fills for efficient water cooling processes



NC 20 series

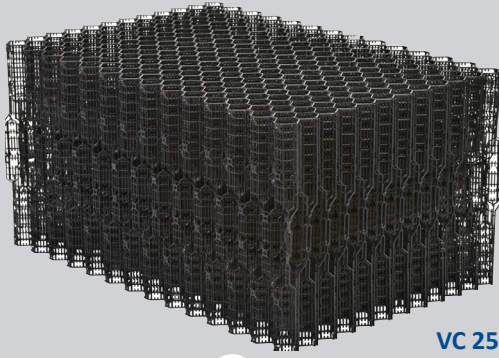
High-Performance trickle fills improve cooling tower efficiency even with high polluted water quality. The special structural design grant low drop pressure and high cooling performance.

Hewitech's trickle Fills strongly improved the market of cooling tower fills. Performance results tested by CTI publications (Cooling Tower Institute) reveals better cooling implementation as cellular fills in natural draft cooling towers. The low drop pressure and the unique water-film design generate proven efficiency of cooling performance.

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

Features

- **Made of PP - environmentally friendly**
- **Available in different structures**
- **High temperature and chemical resistant**
- **High stability due to mechanical assembly**
- **Cleanable open grid structure**
- **Flame retardant protection ASTM E84 and DIN 4102**
- **Loading of suspended solids up to 1000 ppm**
- **Mechanical resistance**



VC 25

NC 20/VC 25 trickle Fill designed for normal up to moderately polluted water qualities. The open cross-diagonal/vertical grid structure avoid fill clogging caused by water solids and result in a low drop pressure and improve the overall cooling performance significantly. Combination of high water loads, low water quality and a long lifespan has been targeted with this special grid structure. The NC 20 covers 3 weights classes: 25, 27 and 48 kg/m³.

Splash water film structure generates high effective surface for counter-flow cooling process inside of fill

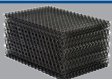
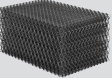
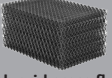
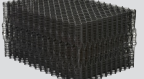
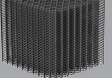


Technical information

- Material: Polypropylene (PP); UV resistant
- resistant to dissolved various chemicals, fungi and rot resistant, color: anthracite
- Maximal operation temperature: 75 °C (higher on request)
- Tolerances: max 2%
- Void ratio: > 97%
- On request special flame retardant to meet ASTM E84 and DIN 4102 fire norms
- Length of module up to 3.000 mm

NC/VC media types

HEWITECH media types for counter-flow cooling towers

Water Quality	Structure	Code	Corrugation (mm)	Material	Effective Surface [m ² /m ³]	TSS content short/long term (good biolog. control)	Technical Data L x W x H [mm]
slightly / moderately polluted	 splash grid cross fluted	NC 20-25	20	PP	~125	500/300 ppm	910 x 600 x 450
slightly / moderately polluted	 splash grid cross fluted	NC 20-27	20	PP	~125	500/300 ppm	910 x 600 x 450
slightly / moderately polluted	 splash grid cross fluted	NC 20-48	20	PP	~125	500/300 ppm	910 x 600 x 450
slightly / moderately polluted		VC 25	25	PP	~100	1000/500 ppm	910 x 610 x 450
heavy polluted		NB 25	25	PP	~100	1000/500 ppm	480 x 600 x 445

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.