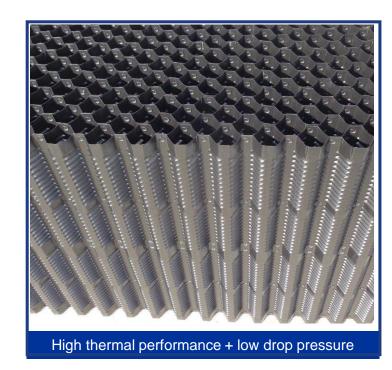
Vertical flute design



VF23 in PP + PVC

Hewitech vertical flute profiles are produced from films shaped and extruded in one process giving higher strength than the older technology of flat film stretching.

Today Hewitech manufactures both PP cooling fills and also welded PVC – free of adhesives and solvents



Features and advantages:

- Vf23 shows the low pressure loss of vertical channels
- films shaped and extruded in one process giving uniform thickness and extremely high mechanical strength prevent deformation at elevated temperatures
- PP exhibits higher strength at the same geometry and weight than PVC because of greater film thickness
- fully automated welding provides substantially greater strength than 'mechanical pressing'

- environmentally friendly due to no harmful adhesives and solvents
- PP can sustain up to 75°C of continuous use temperature; PVC up to 55°C
- produced from PP/PVC granulate with high percentage of UV protection additives
- on-site fabrication with automatic welding reducing transport costs







technical data

VF23

effective surface [m²/m³] 125

width of channels [mm] 45

material (UV-stabilised) PP / PVC

standard dimensions [mm] 2400 x 300 x H: 600 / 300

void [%] > 97 weight of new plastic [kg/m³] 20 - 60

density of plastic [g/cm³] PP: 0.95 – 1.1 PVC: 1.4 -1.6

thickness of foil [mm] < 1.5mm (average thickness before forming)

temperature of operations [°C] PP: -20 to 75 *; PVC: 0 to 55 *; (*): further on request

Hewitech fills also benefit from the following features:

- Technical support available online : see <u>www.hewitech.com</u>
- Hewitech products conform to REACH requirements: the raw materials used are listed and approved in accordance with Europe regulations (2007)
- Polypropylene preferred due to good chemical and UV resistance
- PP is an environmentally friendly product



Hewitech 20 years ded PP
Hewitech 20 years
With welded PP
EXPERIENCE With welded PP
EXPERIENCE OF FILES
FILM COOLING FILES