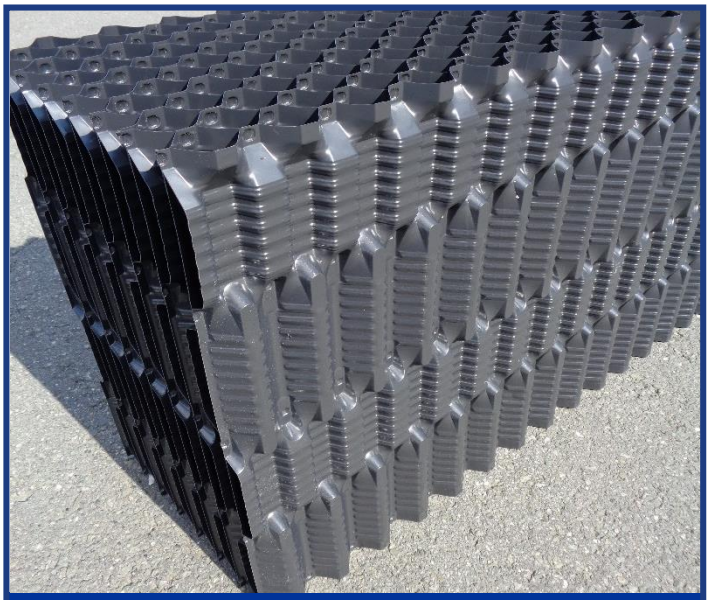
Vertical offset flute design

VFH20 in PP & PVC with heights of 500 + 600mm

Hewitech vertical offset 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



High thermal performance + low drop pressure

Features and advantages:

- 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 press
- 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

		VFH 20
effective surface	[m²/m³]	140
width of channels	[mm]	2x 20
material (UV-stabilised)		PP / PVC
standard dimensions	[mm]	2400 x 300 x H: 500 / 250mm or H: of 600/300mm
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 www.hewitech.com
- 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

contacted by:

Hewitech – 20 years experience with welded PP film cooling fills

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