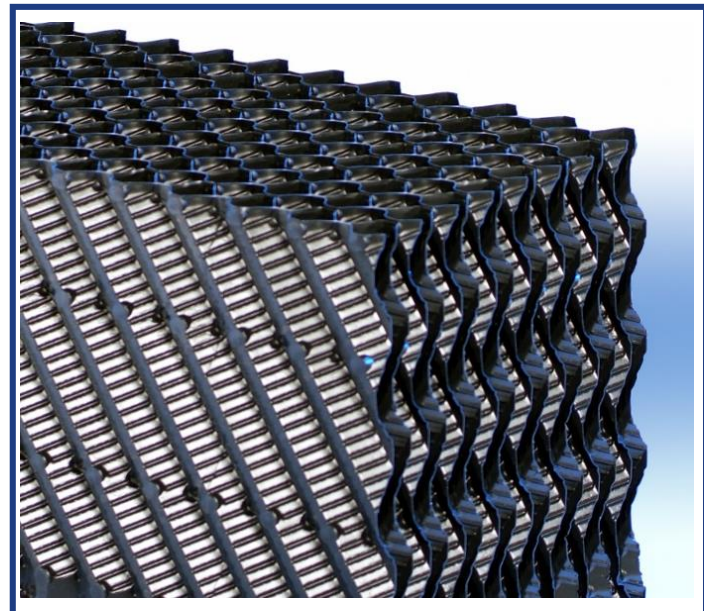


## CF12, CF15, CF19 & CF27

Hewitech welded film cooling fills in PP 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



robust modules in PP und PVC

### 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 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**

		CF12 + CF12V	CF15	CF19	CF27
effective surface area	[m <sup>2</sup> /m <sup>3</sup> ]	240	190	150	125
width of channels	[mm]	2x 12	2x 15	2x 19	2 x27
material (UV-stabilized)		PP / PVC			
standard dimensions	[mm]	2400 x 300 x H: 600 / 300 / 150			
void	[%]	> 97			
weight of new plastic	[kg/m <sup>3</sup> ]	20 - 60			
density of plastic	[g/cm <sup>3</sup> ]	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](http://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*