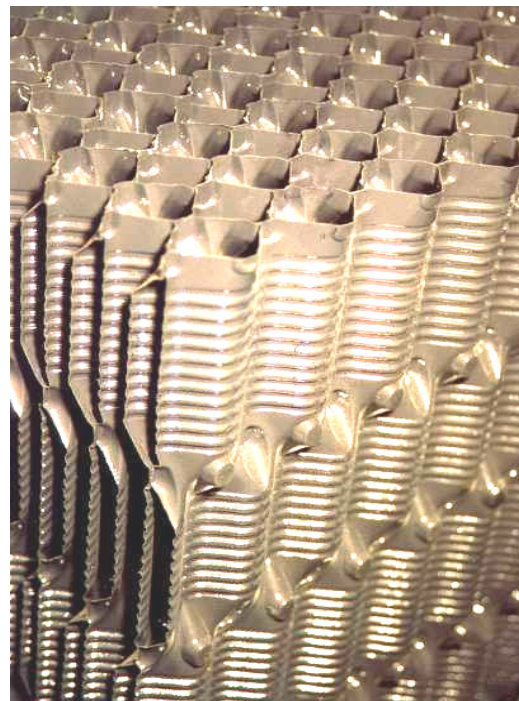


# Coolfilm – SNCS

## Cooling Tower Film Fill

### The most efficient film fill

- The “COOLFILM” (SNCS-Symetrical Non Contact Sheet) is probably the most thermally efficient fill worldwide.
- Using Hamon’s well proven technology of the non-contact sheets has an offset flute design. Sharp horizontal corrugations allow even water redistribution on the sheet and water rotation for good contact with air. The offset flute design allows vertical rotation of air with limited pressure drop.
- It is well adapted to any induced draft or natural draft cooling tower using normal industrial water quality.
- The “COOLFILM” fill has proven its efficiency for more than 25 years.



### Technical Specification

Material	PVC	Colour	Dark grey to black
Fire Classification	M2	Typical module width (stacking)	1000 mm (or n*20 mm)
Typical module length	1998 mm (n*55.5 mm)	Typical module height	500 mm
Sheet thickness (before forming)	0.3 mm	Typical specific weight (0.3 mm thick)	21.0 kg/m <sup>3</sup> ± 5%
Sheet pitch	20 mm	Fouling rate coefficient	1.0 (base: SNCS=1.0)
Emptying factor	>95%	Specific heat exchange surface	149.0 m <sup>2</sup> /m <sup>3</sup>
Maximum debris size (Diameter)	17 mm	Maximum water temperature (continuous operation with fan on)	55°C
Maximum total suspended solid	50 ppm	Maximum salinity (sea water)	35 gr/l
Methods or support	Suspended or laid on beams		

- Other materials options are: U-PVC & ABS; sheet thickness of 0.35 to 0.6mm; varying module sizes; fire classification (M1); temperature resistance (up to 80 °C),. Other colours may be obtained.
- The corrugated sheets are solvent welded (glued) together to form pack modules. The gluing can be carried out on site to avoid large volume transportation.

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