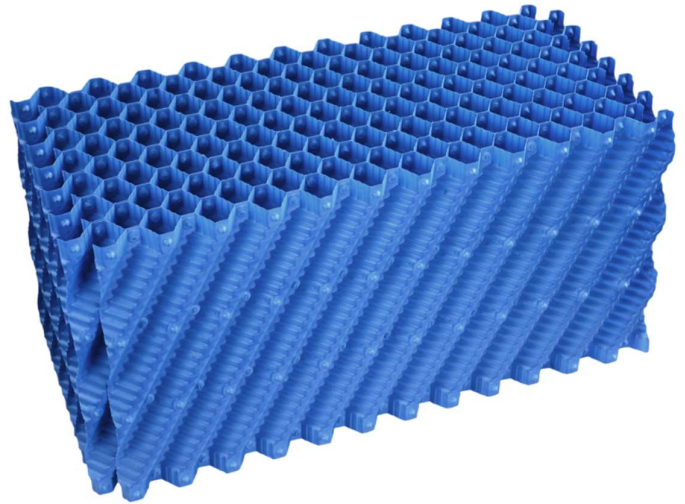


ECOFILL™ 305

High-Efficiency PVC Film Fill for Industrial Cooling Towers.

ECOFILL™ 305 is a precision-engineered PVC film fill media designed for use in counterflow cooling towers. It provides excellent heat transfer efficiency, low air pressure drop, and long-term structural stability.



Key Engineering features.

- Advanced honeycomb surface geometry for optimized air-water contact.
- Continuous flute spacing to minimize clogging and scaling.
- 260 bonding nodes per m², ensuring high structural rigidity and easy customization.
- Lower density compared to conventional fills.
- Customizable height from 120 mm up to 1125 mm using multi-layer configuration.
- High resistance to acidic and alkaline water conditions.

Technical Specifications.

| Parameter | Specification |
|-----------------------|---|
| Material | Virgin PVC (Special Blend) |
| Fill Type | HEX Structural Honeycomb |
| Flute Size | 19 mm |
| Flute Angle | 30° |
| Surface Area | 157 m ² /m ³ |
| Density | 23 kg/m ³ |
| Water Loading | 30 m ³ /h/m ² (Max) |
| Optimal L/G Ratio | 0.96 – 1.44 ($\lambda = 0.76$) |
| Operating Temperature | 55°C (Max) |
| Air Pressure Drop | 21 – 38 Pa/m |
| Allowable water TSS | 25–100 ppm |
| Allowable water TDS | 1000 – 3000 ppm |
| Block Length | Up to 1800 mm (Custom) |
| Block Width | Up to 500 mm (Custom) |
| Block Height(s) | 120 / 210 / 305 mm |
| Maximum Height | Up to 1125 mm |
| Minimum Service Life | 10 Years |

Advantage.

- Reduce the Air fan motor load due to less air requirement.
- No deformation, long-term durability.
- Clean easily to remove fouling & clogging particles.
- Cut to suit at any size or any shape without losing bond.
- Low price point than conventional fills.
- Stock available in many countries, for fast delivery.

ECOFILL™ 305 Key Reasons to consider.

- Industrial Standard Product, sales more than 07 Countries.
- High Performance, even less air flow conditions.
- Light Weight, Reduce Structural loads.
- Cost Effective, Durable.
- Easy to Install, easy to clean.



ECOFILL™ 305 is an ideal choice for all types of counterflow cooling towers & Wet Scrubbers.

- ❖ Strength, Light weight.
- ❖ Extra Long durability.
- ❖ Anti-clogging design.
- ❖ Instant delivery.



ECOFILL™ by **ECOSYS**

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