

ECOFILL™ 605

High-Efficiency PVC Film Fill for Industrial Mill process & Manufacturing Industry.

ECOFILL™ 605 is a precision-engineered PVC film fill media designed for use in High thermal load applications. 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.

Crossed 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 605 mm, & 1230 mm, but Cut to suit at any point & use as 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 / 28 mm
Flute Angle	15° / 30°
Surface Area	157 m ² /m ³
Density	24.6 kg/m ³
Water Loading	28.6 m ³ /h/m ² (Max)
Optimal L/G Ratio	0.64 – 1.44 ($\lambda = 0.76$)
Operating Temperature	55°C (Max)
Air Pressure Drop	23 – 37 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 600 mm (Custom)
Block Height(s)	610 / 1220 mm
Maximum Height	Up to 1830 mm
Minimum Service Life	10 Years



Advantage.

High water loading Capacity / High Thermal efficiency.

No deformation, long-term durability.

Clean easily to remove fouling & clogging particles.

Cut to suit at any Length.

Low price point than conventional fills.

100% accurate measurement as per customer requirement.

ECOFILL™ 605 Key Reasons to consider.

Industrial Standard Product, sales more than 07 Countries.

High Performance, even high-water loading conditions.

Light Weight, Reduce Structural loads.

Cost Effective, Durable.

Easy to Install, easy to clean.



ECOFILL™ 605 is an ideal choice for all types of cooling towers use for mill process & Manufacturing Industries.

- ❖ Precision Engineered Product.
- ❖ Strength, lightweight.
- ❖ Extra-long durability.
- ❖ Technical & after sales support.

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