

ECOFILL™ RTS

High-Efficiency PVC Film Fill for round type small Cooling Towers.

ECOFILL™ RTS is a precision-engineered PVC film fill media designed for use in counterflow Round type 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.

Continues bonding nodes, ensuring high structural rigidity and easy customization.

Lower density compared to conventional fills.

Customizable height from 200 mm up to 650 mm using multi-layer configuration.

High resistance to acidic and alkaline water conditions.

Technical Specifications.

Parameter	Specification
Material	Virgin PVC (Special Blend)
Fill Type	Thermo press Roll
Flute Size	12 mm / 19 mm / 28 mm
Flute Angle	15° / 30°
Surface Area	104 m²/m³
Density	44 kg/m³
Water Loading	6.76 m³/h/m² (Max)
Optimal L/G Ratio	1.04 – 1.31 ($\lambda = 0.76$)
Operating Temperature	55°C (Max)
Air Pressure Drop	29 – 48 Pa/m
Allowable water TSS	25–100 ppm
Allowable water TDS	1000 – 3000 ppm
Fill Round Dia (Ø)	Up to 1500 mm (Max)
Fill Height	200 mm, 250 mm, 300 mm
Maximum Height	Up to 650 mm
Minimum Service Life	08 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.

Applicable for variable heights.

Lowest price point than any type of fills.

100% accurate measurement as per customer requirement.

ECOFILL™ RTS 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™ RTS is an ideal choice for all types of Small counterflow cooling towers at low price point.

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

ECOFILL™ by

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