

ECOFILL™ HTS

High-Efficiency Stainless Steel Film Fill for Industrial process.

ECOFILL™ HTS is a precision-engineered SS film fill media designed for use in Extreme high temperature 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-Vapor contact

Continuous flute spacing to minimize clogging and scaling.

260 bonding nodes per m², ensuring high structural rigidity and easy customization.

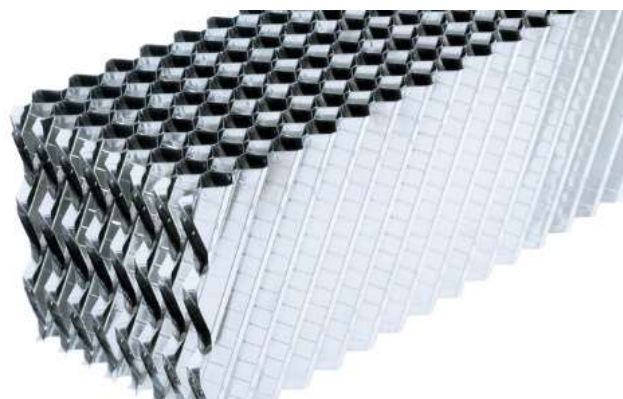
Lower density compared to conventional ceramic blocks

Customizable height from 300 mm up to 1200 mm using multi-layer configuration.

Extreme High resistance to acidic and alkaline water vapor conditions.

Technical Specifications.

Parameter	Specification
Material	Stainless Steel (304,309,316)
Fill Type	HEX Structural Honeycomb
Flute Size	19 mm
Flute Angle	30°
Surface Area	157 m ² /m ³
Density	77.4 kg/m ³
Water Loading	34 m ³ /h/m ² (Max)
Optimal L/G Ratio	0.86 – 1.44 ($\lambda = 0.76$)
Operating Temperature	From 340°C to 1700°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 1000 mm (Custom)
Block Height(s)	300 mm
Maximum Height	Up to 1200 mm
Minimum Service Life	25 Years



Advantage.

Reduce the Air fan motor load due to less air requirement.

No deformation, Extra long-term durability.

Clean easily to remove fouling & clogging particles by using any acidic chemicals.

Cut to suit at any size or any shape without losing bond.

High price point, but excellent protective properties at any conditions.

Supply based on the client spec, less product time.

ECOFILL™ HTS Key Reasons to consider.

Industrial Standard Product, sales more than 07 Countries.

High Performance, even less air flow conditions.

Handle the extreme temperatures up to 1700°C

Extreme Durable no replacement need during 25 years.

Easy to Install, Easy to unstill & easy to clean.



ECOFILL™ HTS is an ideal choice for mill process, use in extreme high temperatures.

- ❖ Strength, lightweight.
- ❖ Extra Long durability.
- ❖ Anti-clogging design.
- ❖ Material Customization.

ECOFILL™ by

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