

IC 10-19 STRUCTURED FILM FILL MEDIA

INDUSTRIAL STANDARD

High Surface Area Chevron/Diagonal Channel Fill Media

Unrivaled Heat Transfer Performance: Experience the IC 10-19 Structured Film Fill Media—an industry-sought-after solution designed for astoundingly efficient heat transfer and superior clogging resistance. With over 120 m²/m³ contact surface area, this lightweight, corrosion-resistant fill media maximizes cooling tower performance while ensuring long-term durability with its high tensile strength and UV-stabilized PVC construction. Highly customizable and available with optional fire retardancy, its easy, modular installation suits most tower designs.



Technical Specifications

Parameter	Specification
Model / Designation	IC 10-19 Structured Fill Media
Contact Surface Area	> 120 m ² /m ³
Material Construction	High-Tensile, UV-Stabilized PVC Sheets
Water Loading Capacity	Up to 5 m ³ /m ² /hr
Structure Design	Chevron / Diagonal Channel Design
Fire Retardancy	Optional Self-Extinguishing Grade
Service Life	5 – 7 Years Standard Operation
Installation Type	Modular Block Fitting (New / Retrofit)

Versatile Applications & Operating Guidelines

Broad Sector Application

Excels in industrial cooling towers, HVAC systems, power plants, and chemical facilities. Chevron channels ensure optimal water distribution and high resistance to clogging across demanding operations.

Installation & Maintenance Guidance

Fit modules for maximum coverage and alignment within tower frames. Perform routine inspections and cleaning to preserve optimal flow; replace media every 5–7 years under normal operating conditions.

Certifications, Export Markets & Supply Details

Quality Standards & International Delivery Capabilities

Standards Compliance: Complies with top international industrial cooling standards, ensuring high operational reliability.

Export Destination Markets: Shipped extensively across key export destinations including Asia, the Middle East, and Europe alongside a strong domestic market presence.

Supply Capacity & Inquiries: Large-volume fulfillment capability. Pricing details and minimum order quantities (MOQ) are available on request for tailored local and overseas shipments.

Frequently Asked Questions (FAQs)

Q: How does the IC 10-19 Structured Film Fill Media enhance cooling tower efficiency?

A: This media offers a high contact surface area of over 120 m²/m³, maximizing water-air interaction for superior heat transfer, ensuring efficiency and consistent cooling performance.

Q: What materials and features ensure the durability of this fill media?

A: Made from high-tensile, UV-stabilized PVC sheets, the IC 10-19 media boasts excellent corrosion resistance, lightweight design, and long service life, making it suitable for demanding industrial applications.

Q: When should I consider replacing the fill media?

A: The fill media is designed for a service life of 5-7 years under standard operating conditions. Regular inspection and cleaning help maximize longevity; replace if flow or performance decreases.

Q: Where can this structured film fill media be used apart from cooling towers?

A: It is ideal for use in industrial cooling towers, HVAC systems, power plants, and chemical processing plants—any setting requiring efficient heat exchange and water management.

Q: What is the installation process for the module blocks?

A: The blocks are designed for modular fitting, allowing straightforward installation into most cooling tower structures. Custom sizes and shapes facilitate seamless integration and easy maintenance.

Q: How resistant is the media to clogging and high water loading?

A: With a chevron or diagonal channel structure, the media provides good clogging resistance and supports high water loading capacity of up to 5 m³/m²/hr, maintaining optimal flow rates and operation.

