

Wedge Wire Candle Filter Element

Wedge wire candle filters separate solids from liquids, producing dry cakes or concentrated slurries. These filters can operate in semi-continuous mode with short cycle times, taking advantage of high filtration rates when cakes are thin.



ADDITIONAL IMAGES



Overview

High-Efficiency Candle Filter Element

Wedge wire candle filter elements provide superior solid-liquid separation and thickening capabilities for demanding industrial processes. Designed for high filtration rates even with thin cakes, these elements allow for flexible flow configurations ranging from inside-to-out or outside-to-in. Built from durable stainless steel, they offer robust mechanical strength, consistent filtration precision, and easy maintenance through back-flushing.

Technical Specifications

Key Performance Metrics

23 %

Open Area

15 µm

Min. Filtering Ability

Filtering Slot Sizes

- 15µm
- 20µm
- 25µm
- 30µm
- 35µm
- 40µm
- 75µm
- 100µm
- 200µm
- 300µm

Material	Stainless Steel 304
Dimensional Range	Diameter: 25.4mm to 220mm; Length: Under 2500mm
End Connections	Beveled end, Threaded coupling, Flanged

Applications

Compatible Industries

Oil well • Gas well • Water well • Food processing

Logistics and Service

Order Details

Parameter	Details
Minimum Order Quantity	1 PCS
Delivery Time	7 Days
Payment Terms	L/C, T/T, Western Union
Shipping Ports	Tianjin Sea Port, Beijing Air Port