

INFLOTEK

Starch process screens

About Inflotek

- Manufacturing in the Netherlands
- Established 2012
- Specialist in centrifuge screens and components
- Proprietary micro water jet cutting and unique wear materials
- Customers world wide
- Experience in fine chemicals, mining, food, paper and more



Centrifuge specialists

Types

- Pusher centrifuges
- Screen bowl decanter centrifuges
- Screen scroll (Conturbex) centrifuges
- Centrifugal Sieves
- Centrisieves

Makes

- Andritz – Krauss Maffei, Bird
- Tema Siebtechnik
- Broadbent
- Ferrum
- Baker Perkins
- FLSmidt and others
- ***Hovex***
- ***Stamex***
- ***Larsson***

Inflotek Micro Water Jet Cutting

- Screens cut in flat state, then rolled and welded to shape
- Slot width of 100 μ m - 500 μ m
- Perforation of any material
- Materials 0,6mm - 6mm thick
- Any slot shape and orientation
- High open areas if needed



Products

Centrifuge screen baskets for:

- **Food** – citric acid, starch, lactose, erythritol, NaCl, sodium bicarbonate, etc.
- **Chemicals** – ammonium sulfate, polystyrene, adipic acid, sodium sulfate, soda ash, plastic recycling, etc.
- **Mining** - coal, potash, rock phosphate, oil & gas, etc.



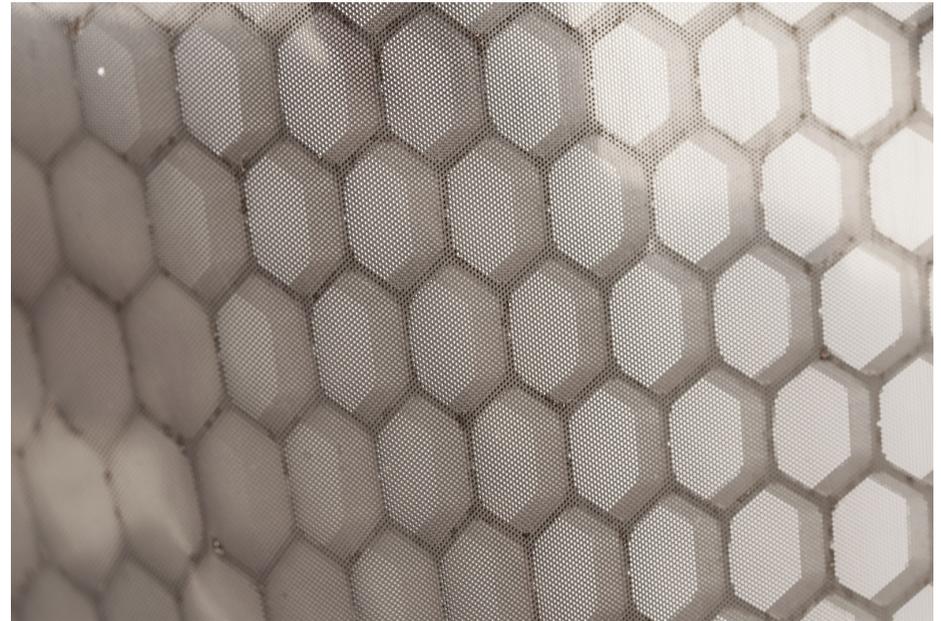
Easier and Faster Installation

- Inflotek screens are supplied as a single cone that slides into screen basket and pressed in by standard clamping ring.
- No cutting
- No trimming
- No folding

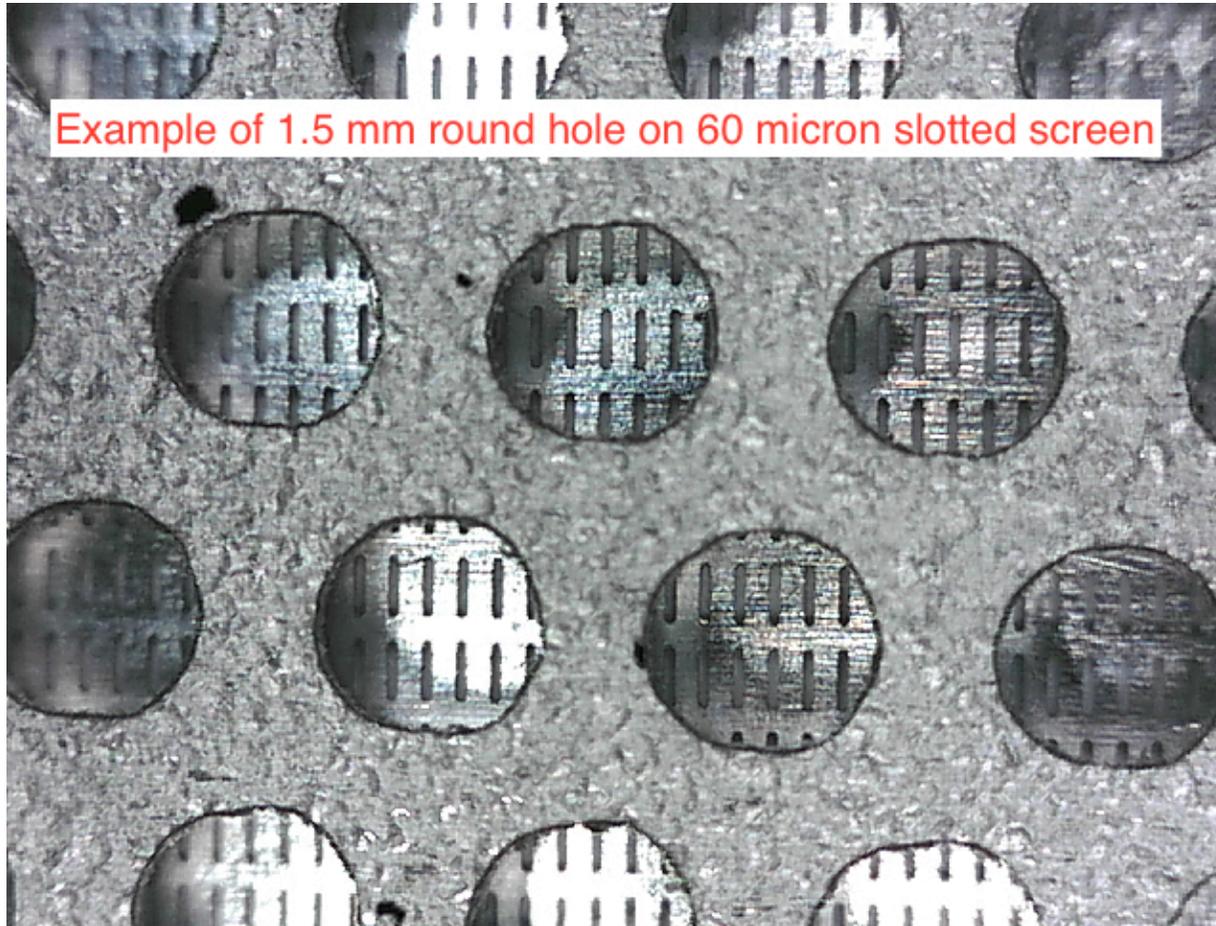


Unique Photolytic Etched Screens

- Screens cut in flat state, then rolled and welded to shape
- Perforation width of 60 μ m - 500 μ m
- Perforation of any material
- Materials 0,11 – 0,2 mm thick
- Any slot shape and orientation
- High open areas if needed



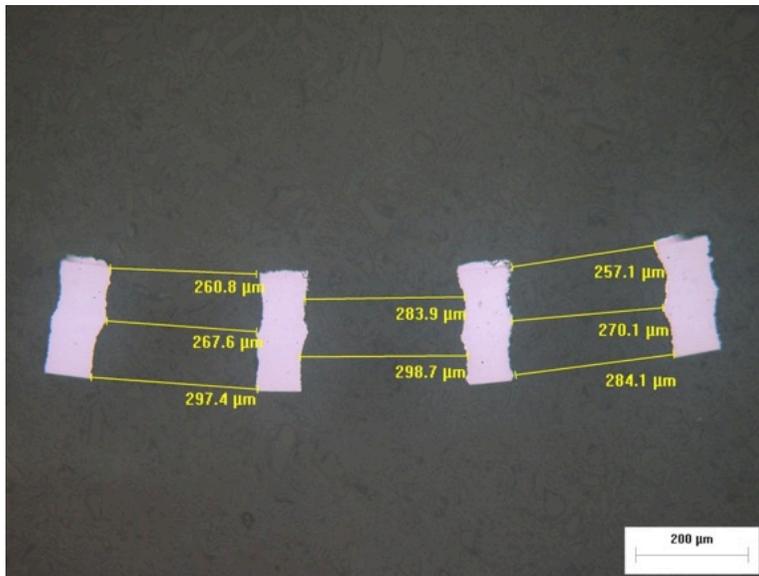
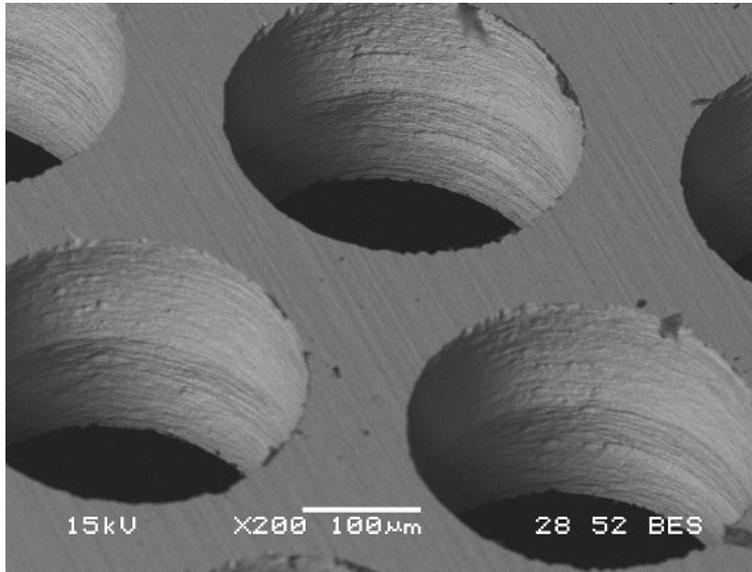
Unique Photolytic Etched Screens



PES with a
protective screen

Inflotek Type A - High OA Etched Screen

Without coating



Material

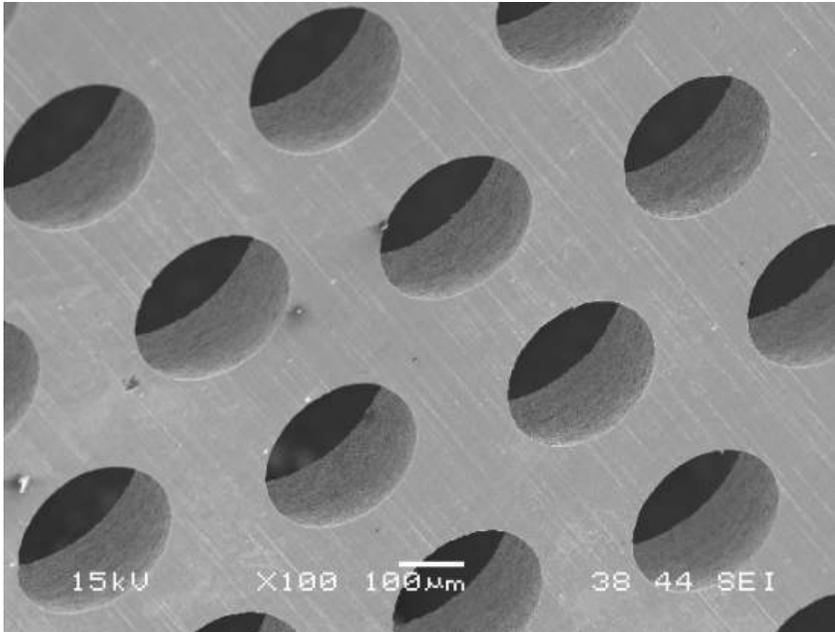
- 301 SS, cold rolled
- 200 micron thick
- Hardness 450 Hv

Screen

- 50% open area
- 0.270 mm circular hole

Inflotek Type B - Anti-Plugging Etched Screen

Without coating

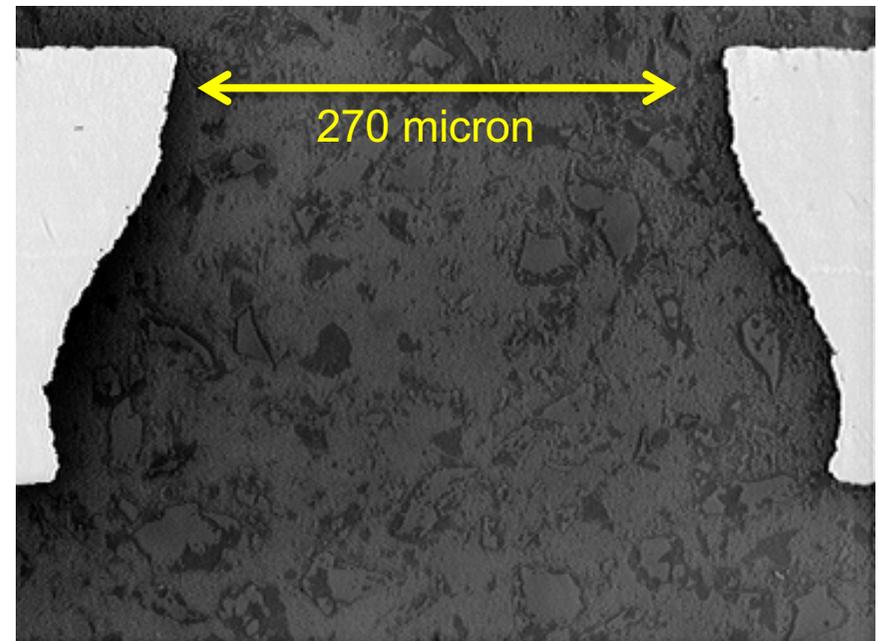


Material

- 301 SS, cold rolled
- 200 micron thick
- Hardness 450 Hv

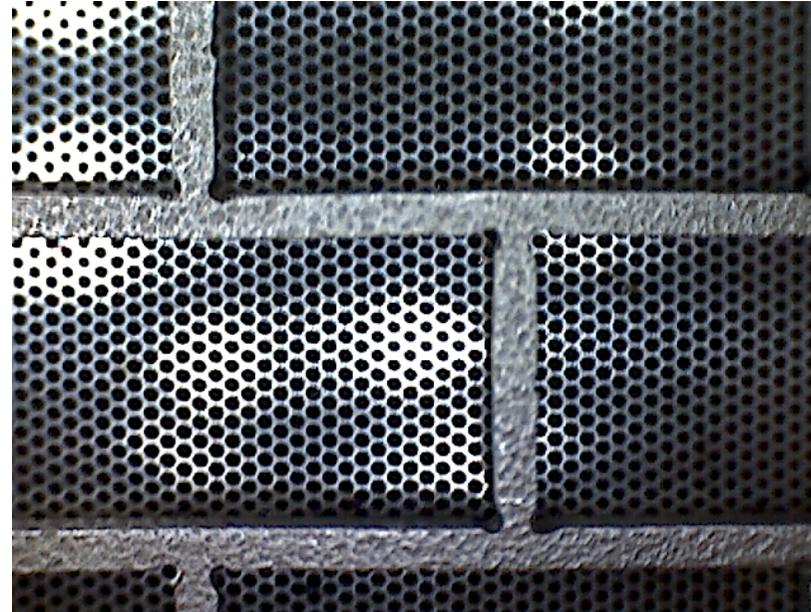
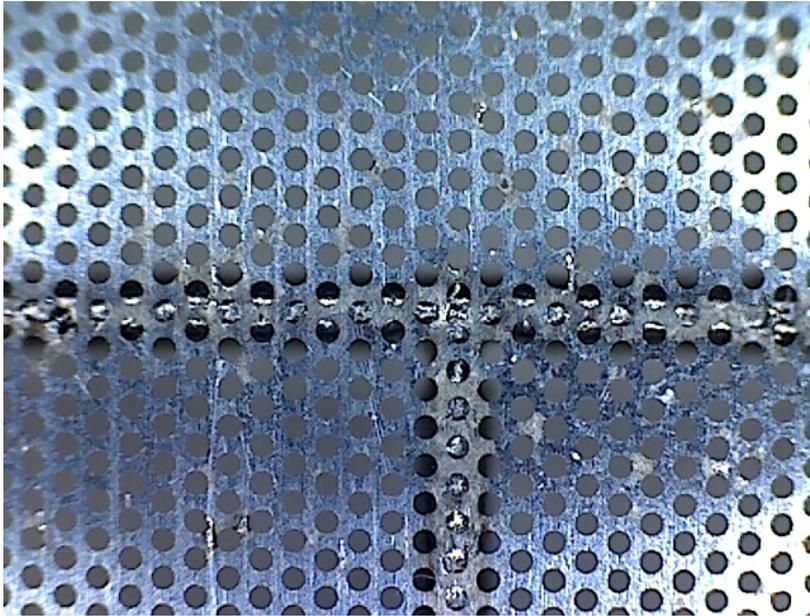
Screen

- 37.5% open area
- 0.270 mm round hole



Screen welded on support

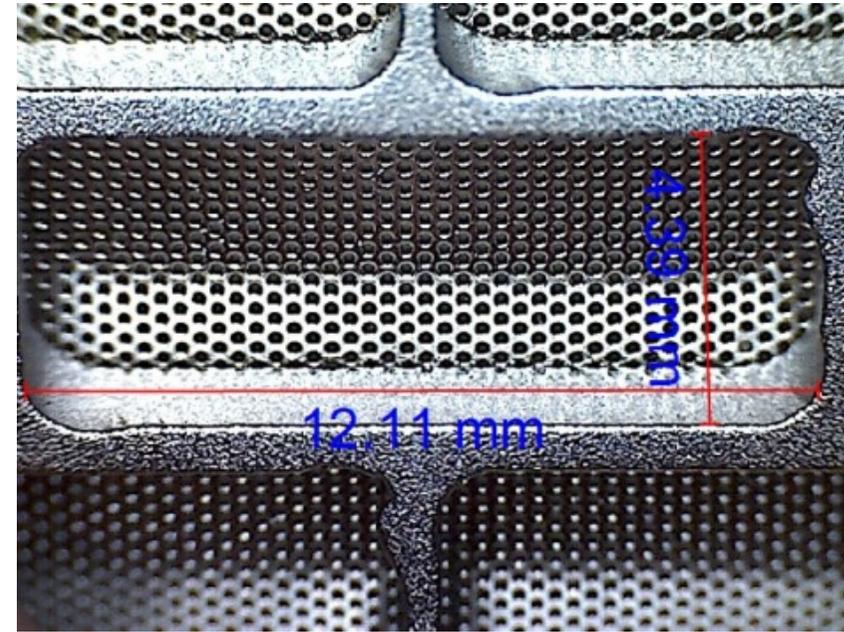
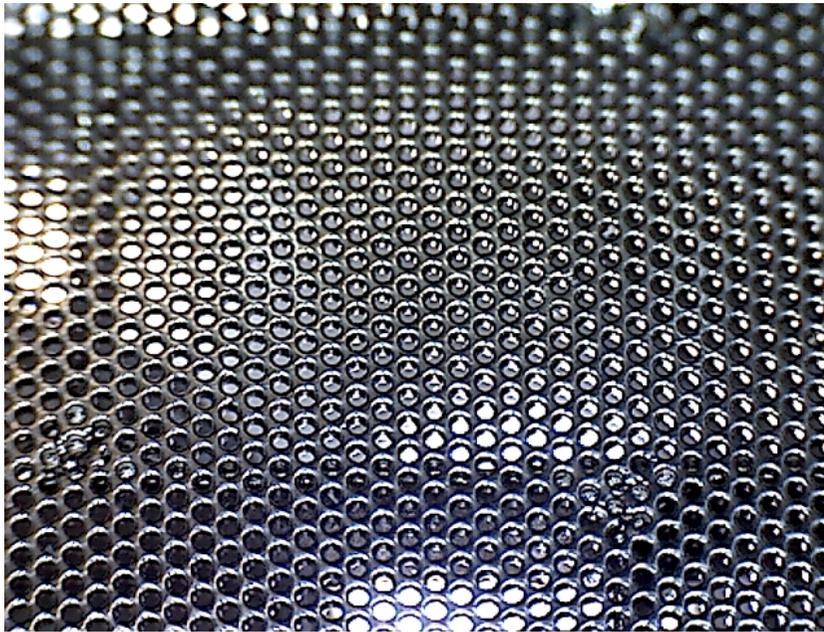
uncoated screen with original perforation of 250 micron



- Resistance welded screen on support, improving the lifetime of the screen
- Screen without coating

Screen welded on support

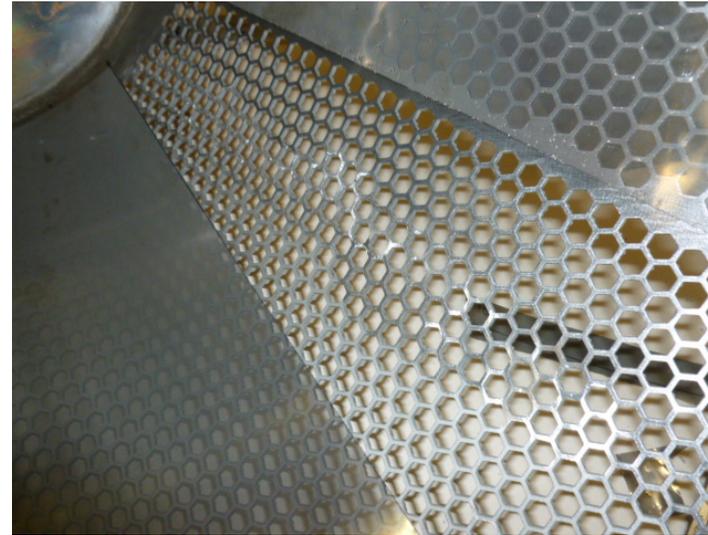
coated screen with 150 micron perforation



- Resistance welded screen on support, improving the lifetime of the screen
- Multiple options on:
 1. Dimensions of support structure like thickness and cell size
 2. Final hole size of perforation, range from 250 micron to 80 micron

Screen welded on support

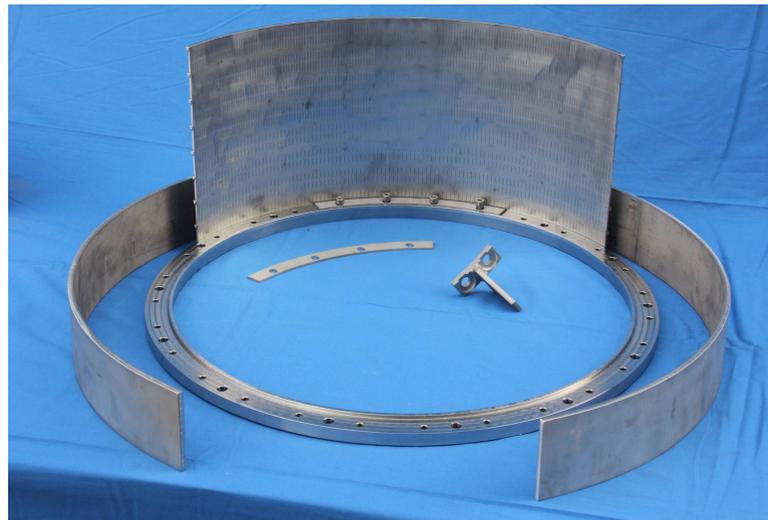
Coned basket with etched duplex screen on hexagonal support



- Resistance welded screen on support, improving the lifetime of the screen
- Multiple options on:
 1. Dimensions of support structure like thickness and cell size
 2. Final hole size of perforation, range from 250 micron to 80 micron

Centrifuge spare parts

- Made to meet or exceed OEM specifications
- Use of higher wear materials and coatings where practical
- Lower cost
- Faster delivery times
- Assistance with installation available
- Complete centrifuge overhaul service available



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