

Quality certificate

Item: **Filter element**
Type:
Application: reverse flow filter element for EDT-filtration plant

Dimensions:

Description

Materials:

Core: carbon steel
Filter media: special polymer
O-ring gasket: NBR

Filter media design:

Base product: nonwoven, thermally bonded
Specific weight: 70 gr/m²
Air resistance at 100 Pa: 2520 l/m² s (DIN EN ISO 9237)
Max. tensile load: 172 N/ 5cm (EN 29073T.3)
Surface structure: 3-dimensional, adapted to application

Filter disk

Outer diameter: 40 mm, +/- 0,1 mm
Inner diameter: 19 mm, +/- 0,1 mm
Disk thickness: < 0,18 mm (compressed)

Number of filter disks: > 6500
Total weight of filter disks: > 0,420 kg

Filter efficiency

at standard conditions: flow rate 10 l/min/m², oil viscosity 3 mPas, temperature 30°C
Filter fineness: 1 micron, (β-rate 25)
Process filtration efficiency: better than NAS 1638, class 9 under full load of EDT-process

Others: resistance against contaminations with water, hydraulic oil

Weight: 1,4 KG/element