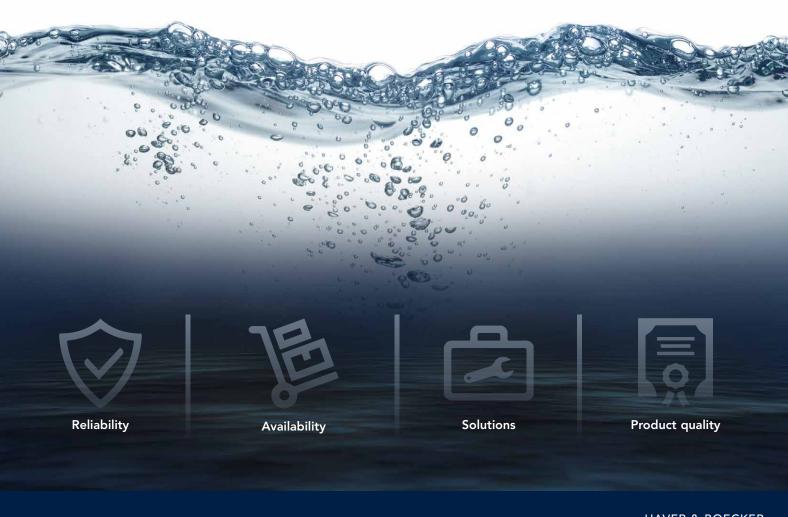


# **METAL WIRE MESH FOR** WATER FILTRATION.

DISCOVER UNLIMITED OPPORTUNITIES.



# ho? What? Which? So we can get an idea.

- ✓ Who is the system operator?
  His needs and requirements are our motivation.
- What is to be achieved?
  From the retention of fine particles to energy generation.
- ✓ What should the filter medium look like? From finding a solution together to the realisation of specific shapes.
- Which materials are suitable? The decisive factors are temperature and composition of the water.

## Applications Here is our focus.

- Filtration of microplastics:
  Max. flow rate; retention of microplastics ≥ 5µm.
- Ballast water treatment: Very good cleaning; corrosion resistance and stability against high pressures.
- Waste water treatment: Very good purification; filtration of all dirt particles and suspended solids ≥ 5µm.
- Seawater desalination:
   Very good purification; corrosion resistance and stability against high pressures.

### echnical specifications

Relevant MINIMESH®-S metal filter cloth types and their properties.

Type of	Flow properties	Backwashability /	Mechanical	Pore distribution /	Pore size
weave		cleanability	robustness	separation efficiency	
SPW-S	++	++	+	+++	30 μm to 300 μm
HIFLO-S	+++	+++		+++	11 μm to 40 μm
HIFLO-SR	+++	+++	+	++	10 μm to 20 μm
DTW-S			++	+++	7 μm to 120 μm
RPD-S	++	+	+++	+	20 μm to 200 μm
RPD HIFLO-S	++	++	+++	+	5 μm to 40 μm

+++ excellent ++ very good + good

#### From manufacture to series production.

Weave type		Customized			
Rolls and cut-to-size	Laminate	Filter candle / cylinder	Filter plate / disc	Deep drawn parts	
pieces					
	** ** ** **				

### fficiency

It's all about the right combination.

- ✔ Flow rate: The system footprint as an indicator for the ideal mesh form.
- ✔ Filter fineness: Maintaining the degree of separation is crucial.
- ✓ Variety of materials: Corrosion resistance and suitability for welding are important.

### egenerability

Woven Wire Mesh always is a good idea.

Minimisation of additional expenses for cleaning, new purchases, production downtime at the customer and disposal.

The world of tomorrow needs our wire mesh, because...

