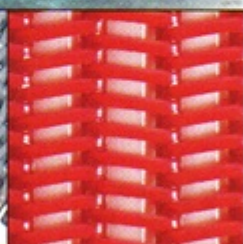
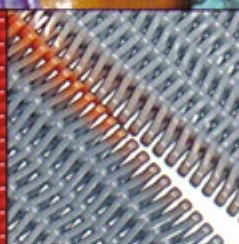
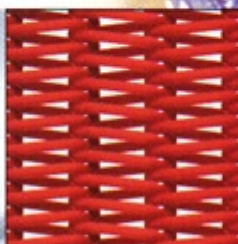
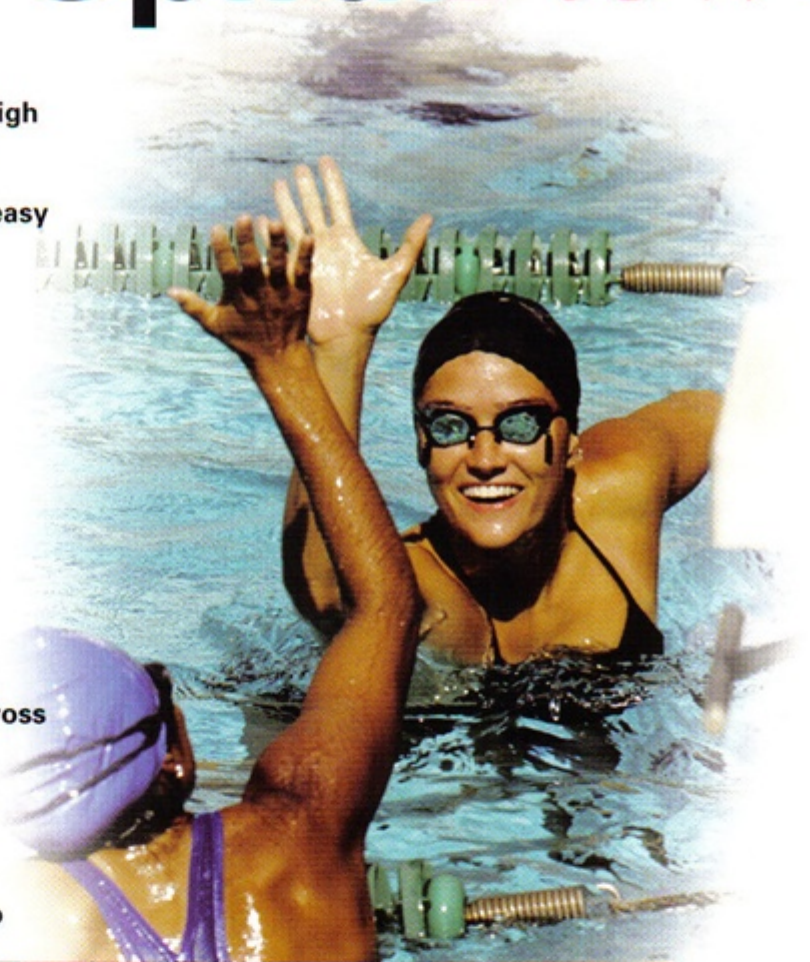


SEAMLESS INTO PROFITS  
WITH FAST CHANGES

# Spiral*Flow*

- Extremely high flow capacity
- Open ended for easy installation
- Easily to seam
- Reduces down-time to a minimum
- Controllable with all guiding systems
- Smooth, easy to clean surface
- Flexible in machine direction, rigidity in cross machine direction
- Long economic life
- Best cost/performance ratio



Unfilled screen with high permeability

Seamless spiral screen

Filled screen with low permeability

# SpiralFlow

## INNOVATIVE SPIRAL SCREENS FOR SLUDGE DEWATERING AND SUSPENSION SEPARATION

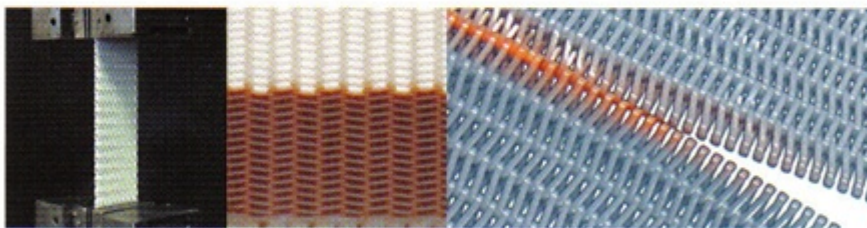
- Variable Air Permeability
- Special features on demand



Unfilled Screen



Filled Screen



The seamless spiral screen

- allows easy installation and minimum down times
- can be opened and closed easily for screen replacement

### Tested Quality

Materials testing in the form of strength tests carried out in our own modern laboratories

### The Fixed Rim

- Stabilises the screen
- has a long working life
- is sealed with a special adhesive

### Spiral screens to meet the most exacting requirements

Geschmay special spiral screens are made to meet the maximum requirements of the particular application.

They are manufactured on the most up-to-date machines and are rigorously tested.

### 100% reproducibility

... is guaranteed, as is the superior quality of our products.

### We are always present for you

Advice and action – also after sales. If you have any problems, simply call us. We shall be delighted to take the time to deal with your query.

## TECHNICAL DETAILS AND PRODUCT TABLE

Type	H 6927	H 6927 -P1	L 6927 green**	L 6927-S28 green**	H 7920 -P1	H 7920	H 9920 -P1	H 9920
Composition	PES	PES	PES	PES	PES	PES	PES	PES
Filaments	mono-filament	mono-filament	mono-filament	mono-filament	mono-filament	mono-filament	mono-filament	mono-filament
Diameter of spiral mm	0,6	0,6	0,6	0,6	0,7	0,7	0,9	0,9
Diameter of spiral mm	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Filter thickness mm	2,5	2,5	2,5	2,5	2,7	2,7	3,1	3,1
Filling	–	yes	–	yes	yes	–	yes	–
Number of spirals/10 cm	28	28	28	28	22	22	20	20
Weight g/m <sup>2</sup>	1380	1600	1400	1780	1700	1430	1930	1730
Air permeability cfm (125 Pa)	900	400-500	900	400	600	1000	550	1000
Water permeability*	1160	440-480	1160	440	620	1310	500	1310
Mesh density µm	960	550-580	960	550	850	1125	600	1125
Operating temperature °C	140	140	140	140	140	140	140	140
Max. operating temperature short-term °C	165	165	165	165	165	165	165	165
Minimal operating tension	2 kN/m	2 kN/m	2 kN/m	2 kN/m	2 kN/m	2 kN/m	2 kN/m	2 kN/m
Operating range pH	4–10	4–10	4–10	4–10	4–10	4–10	4–10	4–10
Max. tensile strength (daN/cm)	85	85	85	85	95	90	95	95
Solvent resistance	good	good	good	good	good	good	good	good

\* Water permeability in litre/sec./m<sup>2</sup> (500 mm water column)

\*\* Approved for the food sector