

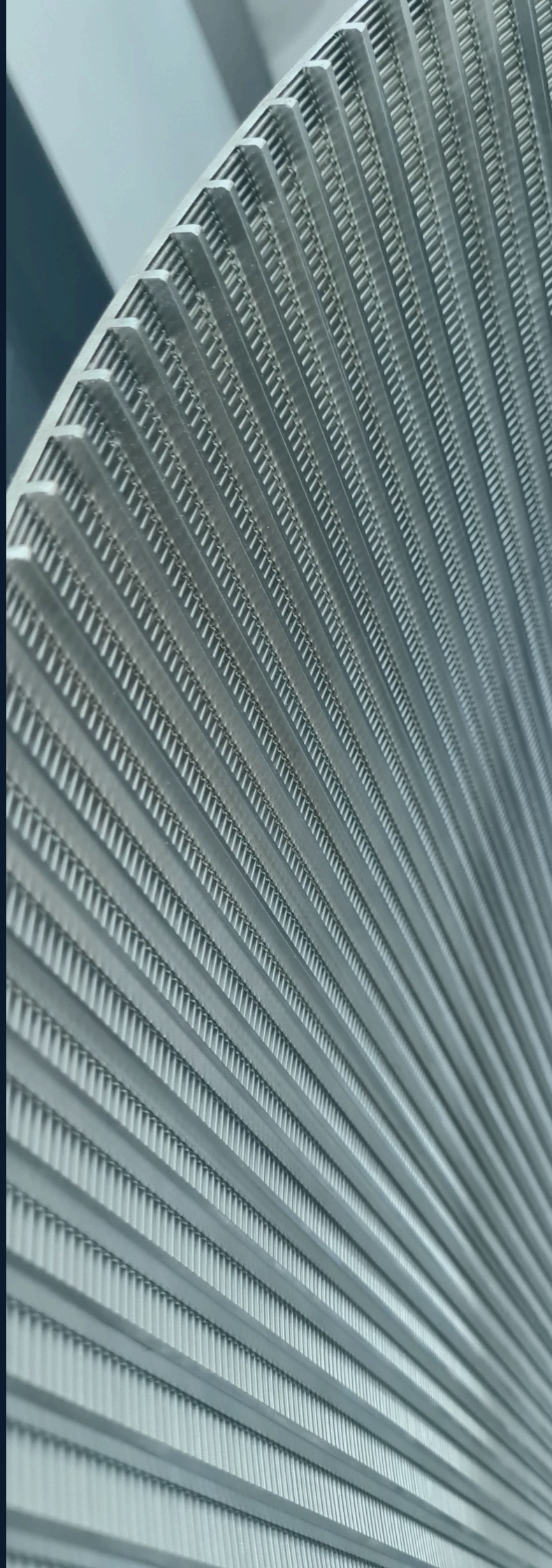
ADEN Wedge Wire.

Custom wedge wire screens for
industrial filtration, manufactured to
project drawings and specifications.

ISO 9001:2015

ISO 10002

ADENWEDGEWIRE.COM



A single-discipline wedge wire manufacturer within ADEN-GROUP.

Advanced Engineering Wedge Wire Products manufactures resistance-welded V-wire screens to customer drawings and specifications. We operate under ADEN-GROUP, a multi-company engineering group, and have supplied industrial filtration screens to projects in over thirty countries since 2014.

The product range covers twelve screen types: cylindrical, sieve bend, rotary drum, flat panel, looped, basket/centrifuge, intake (T-screen), water well, Coanda, drilled, architectural, and custom assemblies. Each screen is fabricated from one of eleven material grades — austenitic stainless (SS 304, 304L, 316, 316L, 316Ti, 321), duplex (2205, Super Duplex 2507), structural steel (S355, S700), and abrasion-resistant Hardox — matched to the operating environment.

Work is delivered through three technical capabilities: design and engineering against project requirements, automated resistance welding with robotic fabrication, and inspection against an 11-point quality protocol. Our quality management system is certified to **ISO 9001:2015**, and customer complaint handling is certified to **ISO 10002**.

AT A GLANCE

Founded	2014
Parent group	ADEN-GROUP
Screen types	12
Material grades	11
Industries served	9 sectors
Export markets	30+ countries
Quality system	ISO 9001:2015
Customer care	ISO 10002

PRODUCT RANGE

Twelve wedge wire screen types, grouped by duty.

Filtration & separation

Cylindrical Screen (Johnson-type) · Sieve Bend Screen · Rotary / Drum Screen · Flat Panel Screen
Slot apertures 0.02 – 10 mm · SS 304/304L/316/316L/316Ti/321

Heavy-duty screening

Looped Wire Screen · Basket / Centrifuge Screen
High-load mining, centrifugal separation · S355, S700, Hardox, SS 316L

Water intake

Intake Screen (T-Screen) · Water Well Screen (Vee Wire) · Coanda Intake Screen
Passive, low-velocity intake · compliant with US CWA 316(b) and EU WFD

Specialty & architectural

Drilled Screen · Architectural Screen · Custom Assemblies
Countersunk hole geometries, facade panels, header-lateral systems

INDUSTRIES SERVED

Nine sectors, engineered case by case.

Screens are specified by operating environment — chloride exposure, temperature, abrasive load, regulatory regime.

Water & wastewater treatment

Intake · pre-treatment · sludge dewatering · hydropower.

Mining & mineral processing

Dewatering · sizing · centrifuge baskets · conveyor screening.

Oil, gas & petrochemical

Catalyst retention · reactor internals · well filtration.

Food & beverage

Mash filtration · starch & dairy · juice extraction.

Pulp & paper

Pressure screening · fiber recovery · press drainage.

Chemical processing

Fertilizer · polymer melt · reactor distribution.

Sugar

Juice diffusion · centrifugal separation · mud filtration.

Aquaculture

Intake · RAS loops · effluent · fry protection.

Architecture & design

Facades · solar shading · interior partitions.

Three locations. Manufacturing, European sales, research and development.

Describe the application — operating environment, dimensions, material preference, throughput. Our engineering team responds within one business day.

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