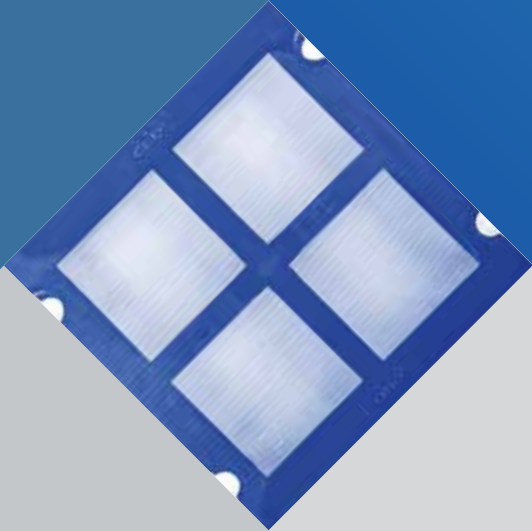




Screening Media

Perforated Plates, Polywedge Panels,
Polyurethane Screen Panels,
Rubber Screen Panels,
Woven Heavy Mesh Screens



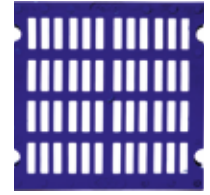
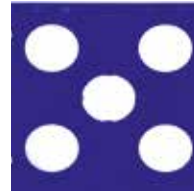
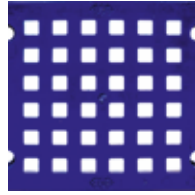
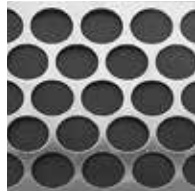
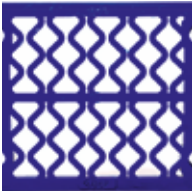
Competence

Screening solutions from the technological leader

GKD: Made-to-measure innovations

GKD Africa is a specialised supplier of screening, filtration and solid/liquid separation equipment, spares and consumables. We have built up an extensive, successful reputation as a leading supplier to the mining, metallurgical, sewage, wastewater, paper and pulp, food and chemical industries not only in the Southern African region but also on a global basis.

Our parent company GKD Germany is a leading supplier of woven materials on a global scale. The GKD team has been involved with the design, manufacture, supply, installation and commissioning of filtration and screening equipment globally.



Screening Media: Wide range for various applications

Perforated Plate

The Perforated plate can be used in applications such as sizing and scalping. We can offer sizes from 2 mm to 70 mm with material grades Mild Steel / 304SS / 316 SS / 430SS / and 3CR12. Apart from modularized and 305 x 305 panel sizes, we can also manufacture custom sizes in plate thicknesses from 1 mm – 12 mm.

Polywedge Panels

GKD's polywedge panels (also known as polywedge screen panels or polyurethane wedge wire) have been designed to offer the high open area drainage benefits of polyurethane and the abrasive and corrosion resistance benefits of wedge wire. Used predominantly in coal mines, these polyurethane-embedded wedge wire inserts are recommended for harsh and abrasive applications, such as sizing, drain and rinse, and dewatering.

We offer polywedge panels with aperture sizes ranging from 0.15 mm to 10 mm, and material grades 304 SS / 430 SS / 316 SS and 3CR12.

Polyurethane Screen Panels

Polyurethane screen panels, also known as poly panels or PU panels, have been a revolutionary development in the mining industry worldwide. Designed as an alternative to steel-woven wire screens, they offer improved resistance to abrasion, corrosion and weathering, which is why these modular panels are popular throughout the screening industry. With a long lifespan and lower weight, PU panels also offer improved energy efficiency. They are repairable and easy to recycle.

GKD has a wide range of polyurethane screen panels available for almost every application, and our state-of-the-art manufacturing facilities allow us

to produce cores on short turnaround times. Our panels range from 0.3 x 12 mm slots to 120 mm square apertures in various thicknesses and with different surface features.

Rubber Screen Panels

GKD's compression-molded rubber screen panels are used in coarse and heavy-duty mineral processing applications. They have been designed to help absorb impact and to assist with pegging and blinding, both of which contribute to extending machinery's wear lifespan.

GKD offers a wide range of rubber deck panels / rubber screen panels, from 0.3 x 12 mm slots up to 120 mm square apertures in various thicknesses and surface features. Our modular panels are suitable for both wet and dry applications and offer good resistance to weathering.

Woven Heavy Mesh Screens

Woven heavy mesh screens (also known as vibrating screen mesh, screen mesh or heavy mesh) are used in many applications, from mining, to crushing and quarrying, industrial and even agricultural and food industry processes. They are predominately used in vibrating machines for screening and sizing of aggregates and other materials. Screens can be manufactured in mild steel, high carbon wire, 304 or 316 stainless steel. We offer both pre-woven stocks and made-to-order weaves, depending on our clients' screening requirements.

The maximum screen size we offer is 2,500 x 30 m, with apertures ranging from 2 mm to 120 mm. Wire diameter ranges from 0.9 mm to 12.5 mm. GKD offers a range of heavy mesh weave types, all designed to be hard-wearing with high tensile strength.

GKD worldwide: Close to the customer



- 01 **GKD Germany** Düren
- 02 **GKD USA** Cambridge (MD)
- 03 **GKD USA** Star City (AR)
- 04 **GKD Chile** Santiago de Chile
- 05 **GKD South Africa** Johannesburg
- 06 **GKD India** Jaipur
- 07 **GKD China** Qufu

Technical weavers for industry and architecture

GKD is the global technological leader for ultramodern industrial mesh and filtration solutions made of metal and synthetic wires and technical fibers – for all industrial applications. With innovative weaving technologies and the latest simulation methods, we create efficient technical weaves, semi-finished products, components, and filter equipment – precisely tailored to an enormous variety of requirements.

Industrial meshes and highly efficient filtration solutions from GKD are used to filter exhaust gases, microplastics, and much more. Among other things, they also serve as strike protection on

airplanes and are used as conveyor and process belts.

GKD supports the sustainable transformation of industry with its expertise. Our customers benefit from tailor-made solutions, intensive consulting, and worldwide service partners. GKD is continuously developing new fields of application through manufacturing technology and process expertise. Thanks to ISO certifications, our customers can rely on certified quality worldwide.

Solutions from GKD make the world healthier, cleaner, safer.

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