KÜPER®

Screens

Tensioned screens



Tried and tested attachment, best screen materials

SCREEN PANELS WHICH ARE DESIGNED PRECISELY TO YOUR REQUIREMENTS.

Küper tensioned screen panels are used wherever abrasive or materials which tend to cause screening blockages are screened. Side- and end-tensioned screen panels can be manufactured in our materials GIGANT, CLEAN, KÜPRENE and GK-SOFT, with the structure of the panels not being dependent on the material.

Steel cables and a steel reinforcement are enclosed by the wear material, which they support. The cables take up the tensile forces in the direction of the tension. We produce the panels as required in various dimensions, with different types of tension hooks, hole shapes and sizes. Because the screens are produced in moulds, the holes are conical: one advantage in the case of media liable to cause blockages.

Standard screen panels are punched out of a wear-resistant rubber mats, so that the hole shape is spherical. A fabric located in the mat reinforces the standard screening panels. If necessary, straps are adhered under the punched mat.

Functions

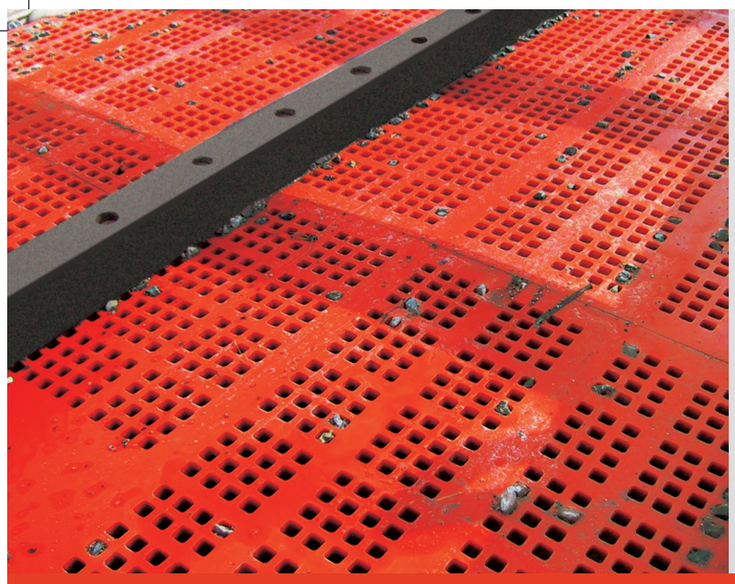
- → Side- and end-tensioned screen panels
- → Produced in accordance with customer requirements, special designs available
- → Unlimited selection of hole shapes and sizes
- → Conical hole structure, resulting in fewer blockages
- → Available in all Küper materials
- → Available for all screening machines

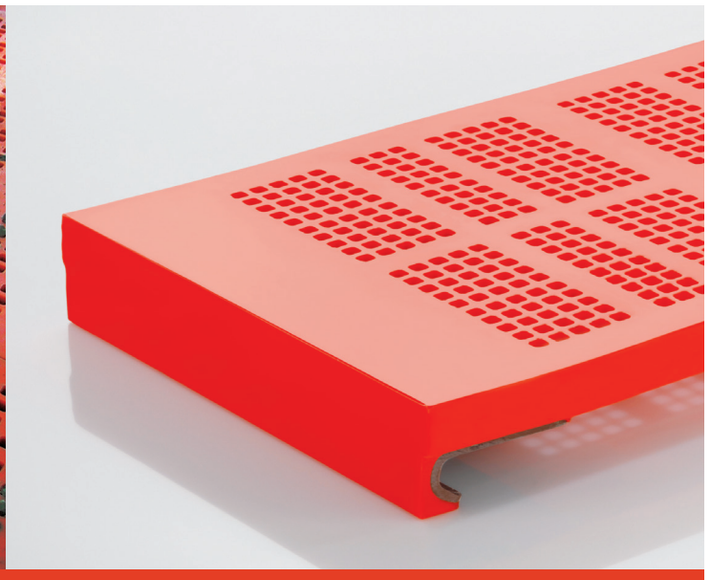
Wear life comparison in dry preparation
Rubber – wire

+ 1,100 %

In the case of hot-vulcanised rubber screen panels the service life in comparison to wire is many times longer.

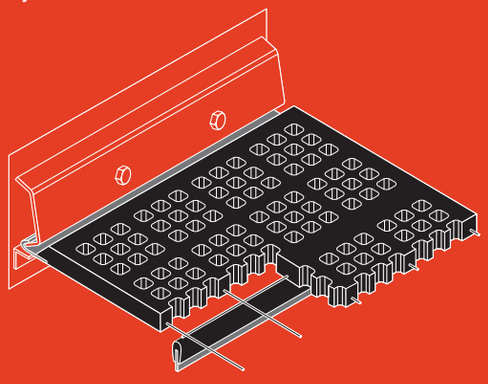




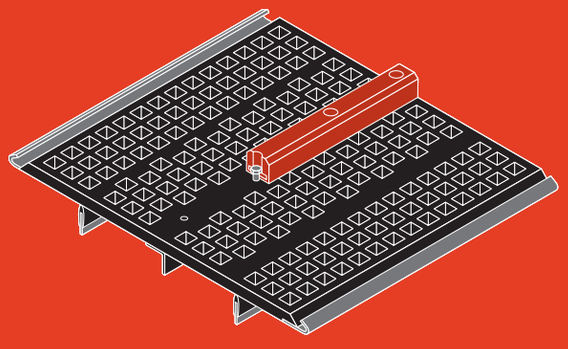


Side-tensioned screen type “Standard”

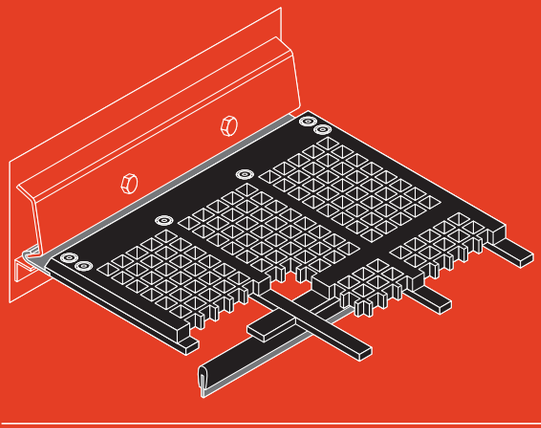
The attachment forces are transmitted by steel cables.



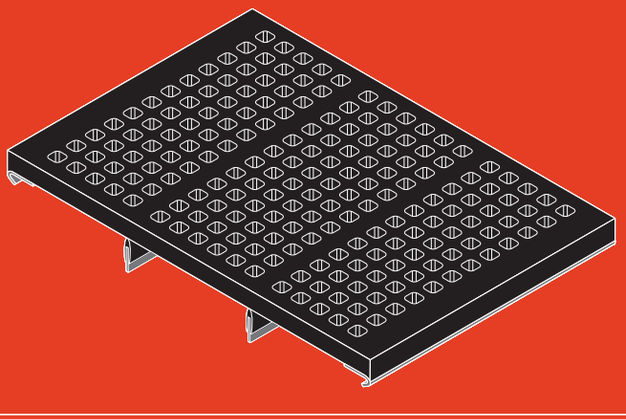
Side-tensioned screen with central attachment bar



Standard screen panel with straps adhered underneath



End-tensioned screen



Applications

Quarry | Sand/ Gravel pit | Mining | Recycling | Industry

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