

INCREASE YOUR ACCURACY REDUCE YOUR DOWNTIME

Our WX7000 tensioned, anti-blinding polyurethane panels offer a host of productivity-increasing and longer-life benefits for many applications.

MORE ACCURATE SCREENING

Our WX7000 is designed with dam bars that slow down undersized material on the screen deck, and allow oversized material to pass quickly over it. The result is more accurate screening and less misplaced particles in the end product.

LONGER WEAR LIFE

Our WX7000 panels are made from high-quality, hardwearing polyurethane and are reinforced with steel wires to cope with your tough requirements. This means longer service intervals and minimal maintenance requirements.

REDUCED RISK OF BLINDING

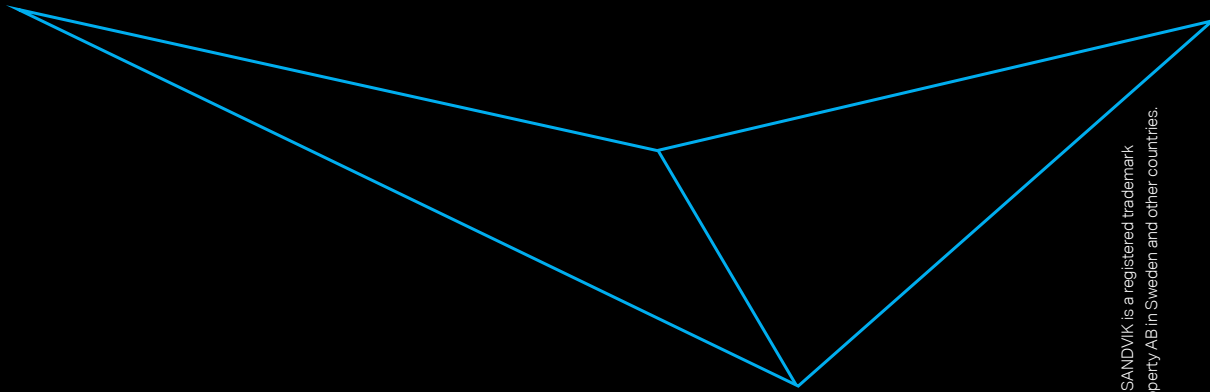
The flexibility of the WX7000's soft polyurethane ensures that the panel stays open and clean, increasing your throughput when compared with a blinded wire mesh panel.

IMPROVED WORKING ENVIRONMENT

The polyurethane material of the WX7000 reduces the noise level in the plant, improving the working environment for all. The absence of sharp wire ends in combination with low weight makes them safer to handle, reducing the risk of accidents and injury.

TAILOR-MADE TO SUIT YOUR NEEDS

The WX7000 is available in a variety of widths, lengths and thicknesses, with different apertures and hole patterns.

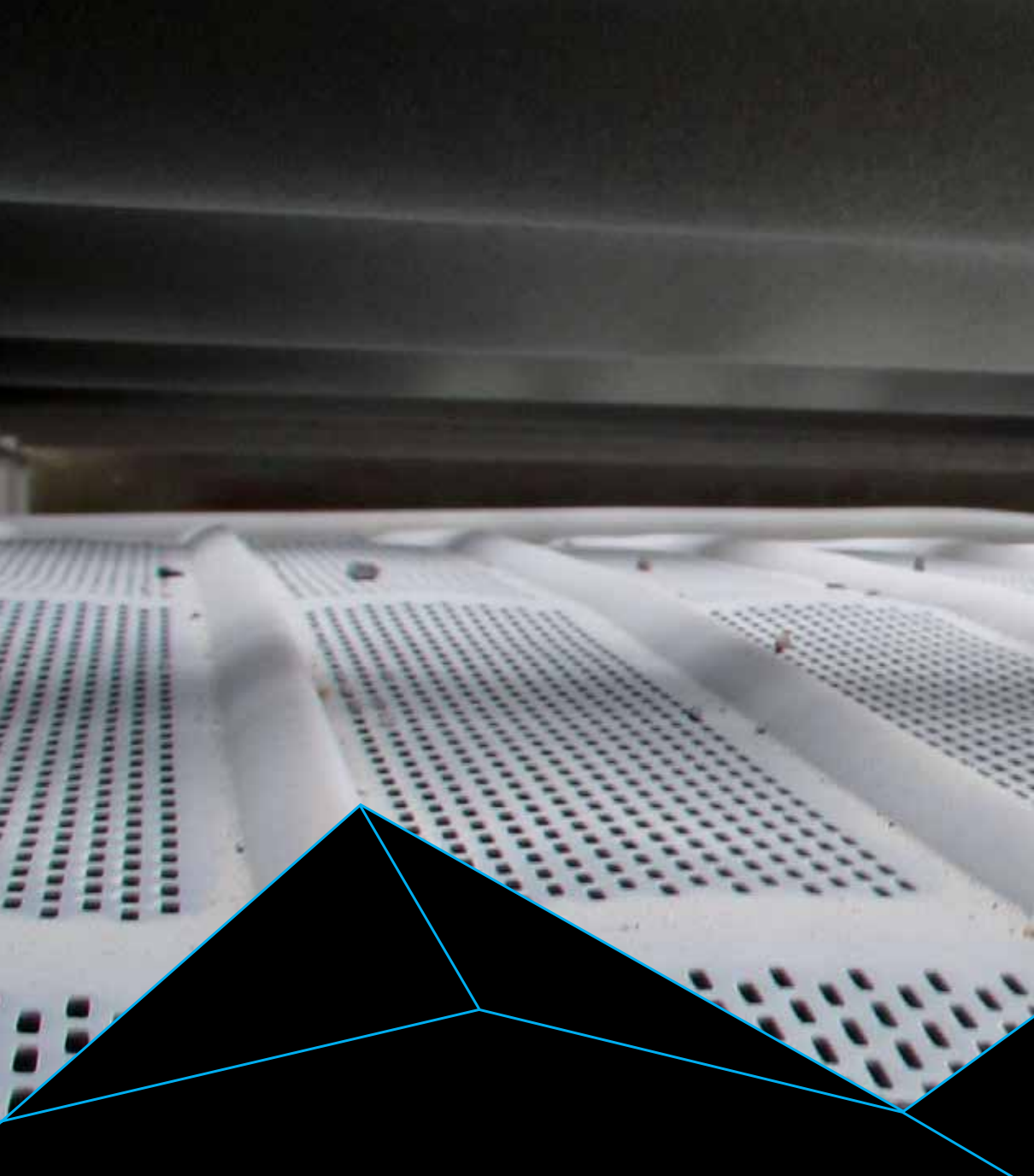


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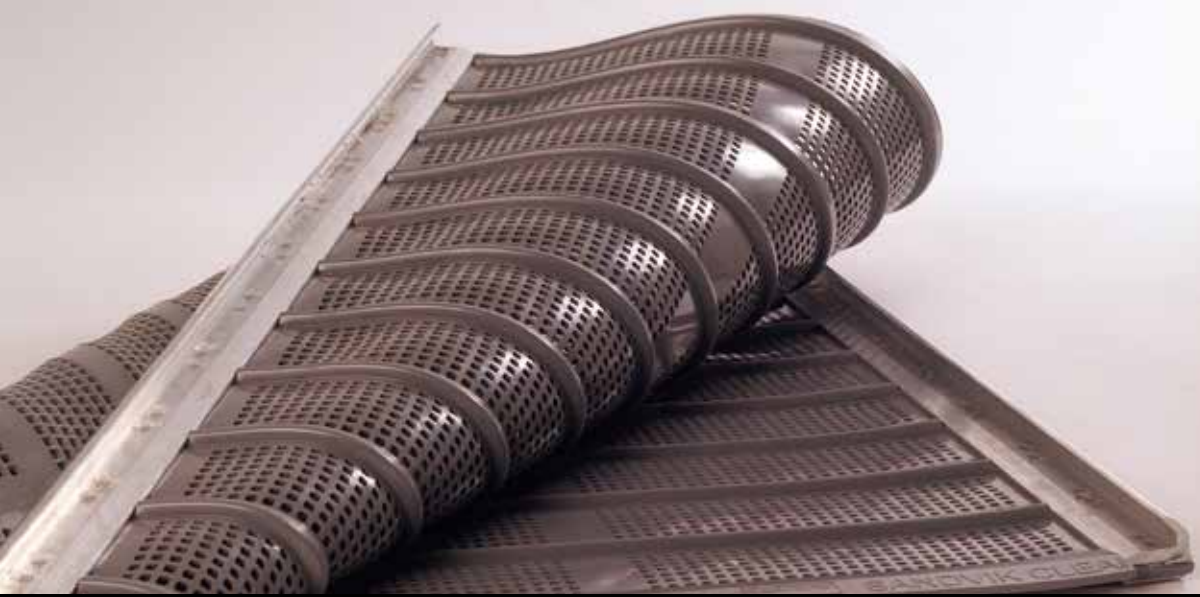




ANTI-BLINDING SCREENING MEDIA IMPROVED PROFITABILITY

SANDVIK WX7000 TENSIONED SCREENING MEDIA





STAYS CLEAN – SO YOU DON'T HAVE TO MESS WITH THE DECK

It's the anti-blinding screening media that stays clean even in difficult applications, such as fines combined with moisture.

The unique combination for WX7000's anti-blinding and long life increases both your capacity and profitability. This has enabled our customers to reduce their screening media cost by 30%, and experience up to 35 times longer life than from a conventional wire mesh.

Our tailor-made Sandvik WX7000 tensioned polyurethane panels are your best choice when fine screening and separating 2-16 mm material.

The WX7000 panels ensure superior screening accuracy by the use of our special dam bars that slow down undersized material on the screen deck, while allowing oversized material to pass quickly over the deck. Flexible screen membranes between reinforcing steel wires also keep the panels clean, even in difficult conditions when moisture is combined with fines.

up to **40x**

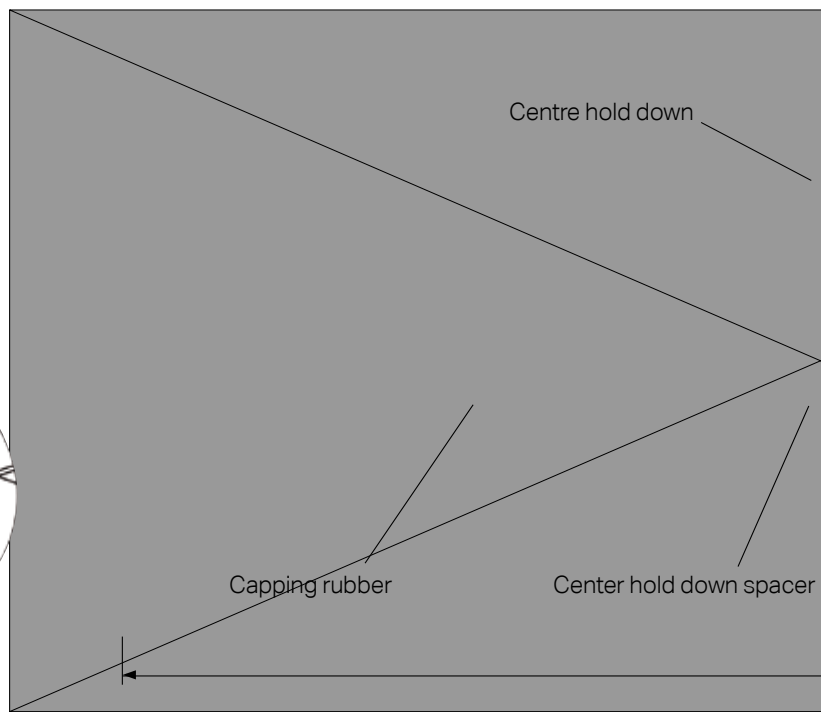
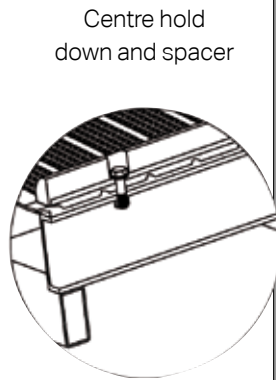
longer life time than
wire mesh

up to **30%**

reduction in screening
media costs

up to **75%**

fewer inspections needed due
to less blinding and longer wear life



TYPE

WX7000 tensioned anti-blinding polyurethane screening media.

DIMENSIONS

Thicknesses	2.5, 3.5 and 5.5mm.
Length (cross tensioned)	1000, 1200 and 1500 mm in stock. Other lengths on request.
Width (cross tensioned)	Max 3000 mm
Max. width without centre hold down	1500 mm
Length (longitudinally tensioned)	Max 3000 mm

INSTALLATION

On cambered screen decks. Cross tensioned or longitudinally tensioned.

Different hook designs are available (see pictures).

If the feed drop height exceeds 0.5 m, either an impact pad or a thicker screen panel should be used at the point of impact.

MATERIALS

Wearing material	Polyurethane.
Reinforcement	Steel wires.
Tensioning device	Extruded aluminium hooks.

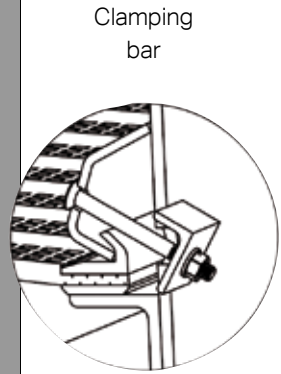
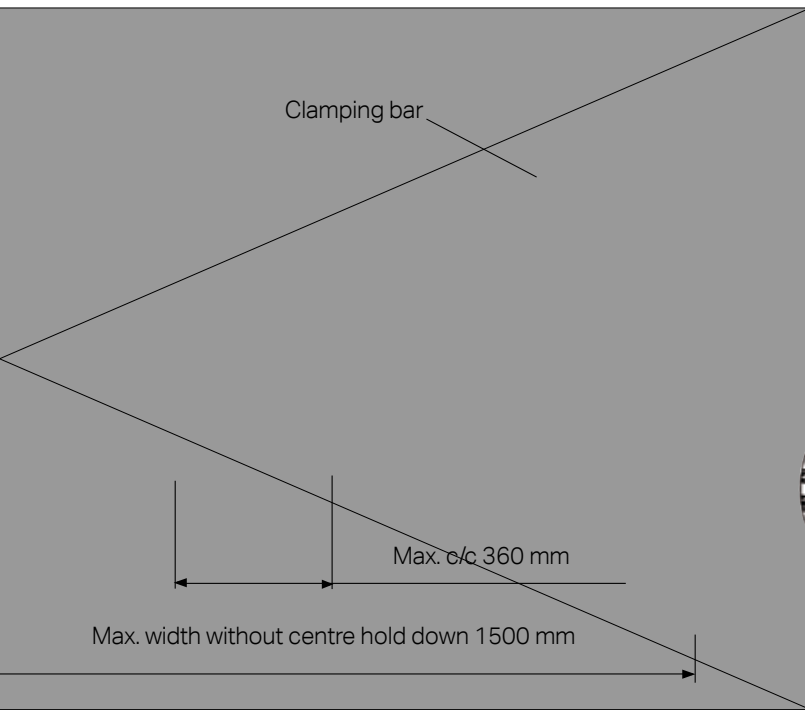
APERTURES

Punched holes, max. 20 mm, staggered or in line.

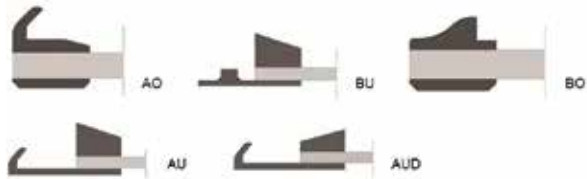
- FR** Square holes in line : Used under normal conditions.
- FS** Square holes staggered: Used to prevent fines tracking with high fines content or on short screens. Slightly reduced open area.
- ST, STS** Slots across the material flow: Used for fine separation.
- SL, SLS** Slots with the material flow: Used when higher capacity is desired, accuracy (oversize control) is less important and to avoid pegging in small apertures.

APPLICATIONS

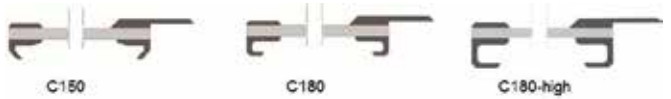
Sandvik tensioned anti-blinding screening media is a soft polyurethane screening media with dam bars primarily for intermediate and final stage screening, generally with separations between 2 - 16 mm and max feed lump size of 30 mm. Especially suitable for applications with high fines content.



HOOKS FOR CROSS TENSIONED CLOTHS



HOOKS FOR LONGITUDINALLY TENSIONED CLOTHS



RECOMMENDED THICKNESS AND AREA OF USE

SEPARATION (MM)	MAX PARTICLE SIZE (MM)*			
	10	20	30	50
2	2.5	2.5	-	-
4 - 6	2.5	2.5	3.5	-
8	3.5	3.5	5.5	-
10 - 12,5	-	5.5	5.5	-
16	-	5.5	5.5	-
19 - 25,4	-	-	-	-
31,5	-	-	-	-
37,5	-	-	-	-

○ = Recommended area of use

● = Improbable application

* Bulk density max. 1.8 metric ton/m³

● = Borderline case

● = Not recommended

If your application falls outside the limits specified above, please contact your Sandvik Mining and Construction representative.

NOTE

The recommended hole size should be 1.25–3.5 times the screen panel thickness.