

# LONGER LIFE MINIMAL MAINTENANCE

Our WX6000 tensioned rubber panels offer a host of capacity-increasing and maintenance-reducing benefits for many applications.

## INCREASED CAPACITY

The WX6000 offers you a much more stable production, with a longer lifetime and fewer production stops for inspections and media changes. The flexible rubber panels keep the screen deck open by preventing pegging and blinding of the cloth, when you compare it with the performance of wire mesh.

## TAILOR-MADE TO SUIT YOUR APPLICATION

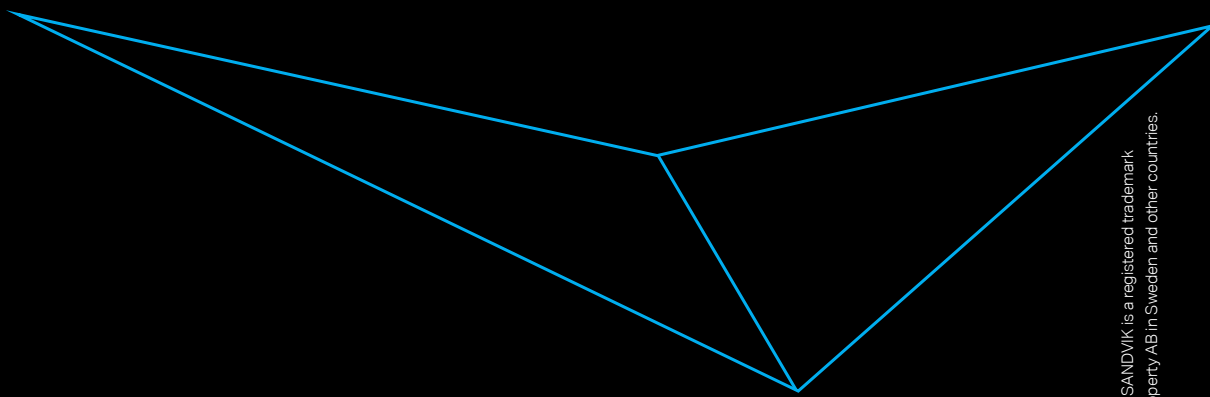
Our Sandvik WX6000 panels are designed to suit your specific operational needs. The hole pattern is available in standard or close pitch, depending on whether you want an optimal open area or maximum panel life. And it can be tailored to fit your special requirements – for example, with blank sections or impact pads in places with a lot of localized wear.

## LONGER LIFE AND MINIMAL MAINTENANCE

The WX6000 panels are made of a wear-resistant rubber compound that is specially designed to stand up to heavy-duty wear. The long life of this screening media extends the intervals between servicing and reduces the number of times a technician needs to intervene with the screen.

## IMPROVED WORKING ENVIRONMENT

Using rubber media on your screens reduces the overall noise level in your plant, improving the working environment for everyone on-site. The soft rubber and the absence of sharp wire ends in combination with low weight makes it safer to handle, reducing the risk of accidents and injury.



B5-853/ENG © Sandvik AB 2017 SANDVIK is a registered trademark owned by Sandvik Intellectual Property AB in Sweden and other countries.

Test results are to be considered as results reached under certain and controlled test conditions. These test results should not be treated as specifications and Sandvik does not guarantee, warrant or represent the outcome of test results in any or all circumstances.

CONSTRUCTION.SANDVIK.COM





LONGER WEAR LIFE  
REDUCED COST

SANDVIK WX6000 TENSIONED SCREENING MEDIA





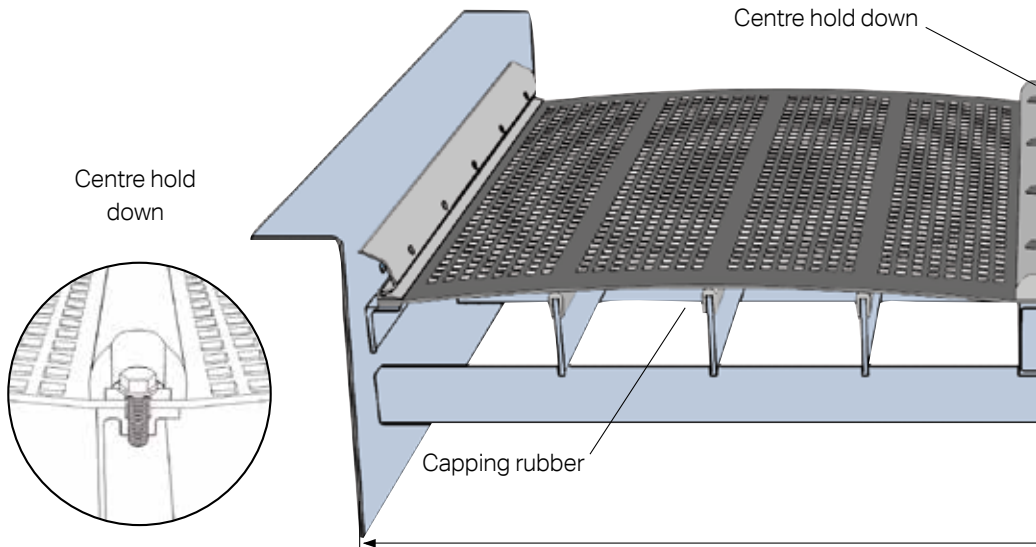
## TAILOR-MADE PANELS OPTIMIZED FOR YOU

For both cross- and length-tensioned screens, our Sandvik WX6000 tensioned rubber panels are designed with precision-punched holes for fine- to medium-coarse screening in your dry applications. Its flexible rubber reduces the risk of pegging and blinding, and it is hardwearing with strong, heat-treated cord reinforcement near the bottom of the panel to extend its wear life.

These tailor-made panels are designed for screens with cambered decks and support bars, separations between 5.6 and 63mm, and a max feed lump size of 150 mm. They can be optimized for either capacity or longest possible wear life, ensuring you get the most out of your screening media.

up to **15x**  
longer lifetime than  
wire mesh

**50%**  
noise reduction compared  
to wire mesh



## TYPE

WX6000 tensioned rubber screening media.

## DIMENSIONS

Thicknesses	5, 7, 10, 12, 15, 20, 25, 30, 35, 40 and 50 mm
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 1 m, either an impact pad or a thicker screen panel should be used at the point of impact.

## MATERIALS

Wearing material	60 Shore A rubber.
Reinforcement	Hot stretched Polyester cord fabric.
Tensioning device	Extruded aluminium hooks.

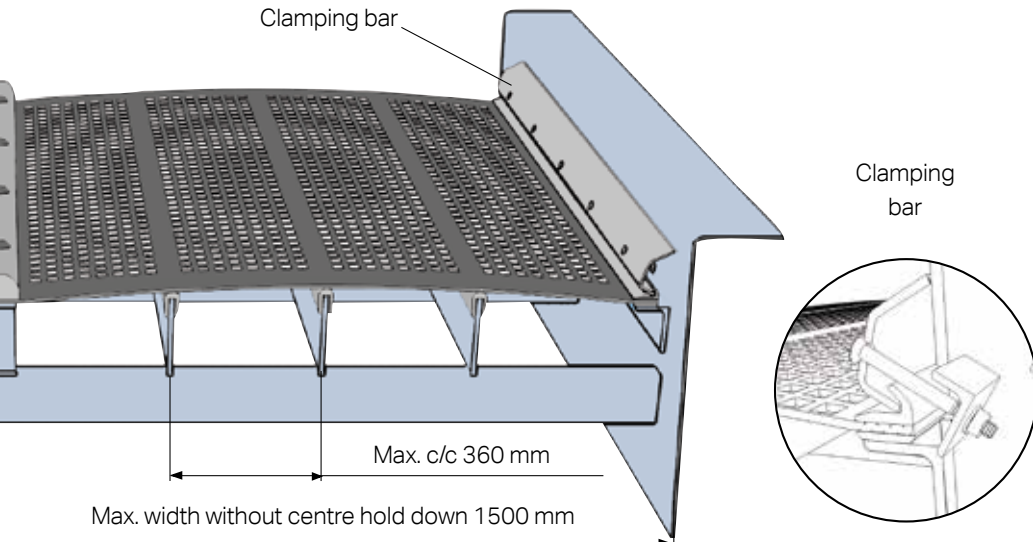
## APERTURES

Punched holes, max. 100 mm, staggered or in line. For larger holes contact your Sandvik Mining or Sandvik Construction representative.

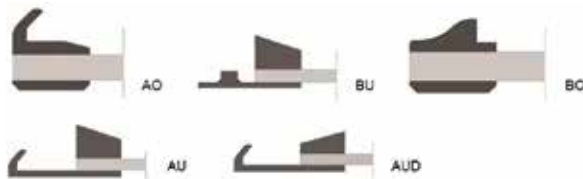
- FR** Square holes in line : Used under normal conditions.
- FS** Square holes staggered: Used to prevent fines tracking with high fines content or on short screens. Slightly reduced open area.
- SL, SLS** Slots with the material flow: Used when higher capacity is desired, accuracy (oversize control) is less important and to avoid pegging in small apertures.
- CR, CS** Round holes: Used for screening coarse crushed material only when extra long wear life is required. Increased risk of pegging

## APPLICATIONS

Sandvik tensioned rubber screening media can be regarded as an all-round screening media designed primarily for final and intermediate stage screening in dry applications, generally with separations between 5.6 - 63 mm and max feed lump size of 150 mm.



**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	75	100	125	150	200	250	
2	-	-	-	-	-	-	-	-	-	-	
4 - 6	5	5	5	-	-	-	-	-	-	-	
8	5	5	5.7	-	-	-	-	-	-	-	
10 - 12,5	-	7	7	10, 12	-	-	-	-	-	-	
16	-	7, 10	10, 12	12	15	-	-	-	-	-	
19 - 25,4	-	-	12, 15	12, 15	15, 20	20	-	-	-	-	
31,5	-	-	-	15, 20	15, 20	20, 25	25	-	-	-	
37,5	-	-	-	20	20, 25	25, 30	30	-	-	-	
45	-	-	-	-	25, 30	30, 35	30, 35	35	-	-	
63	-	-	-	-	30	30, 35	35, 40	50	50	-	
70 - 90	-	-	-	-	-	35, 40	50	50	50	-	
105	-	-	-	-	-	-	-	-	-	-	
120	-	-	-	-	-	-	-	-	-	-	

- = Recommended area of use
- = Improbable application
- = Borderline case
- = Not recommended

\* Bulk density max. 1.8 metric ton/m<sup>3</sup>

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

**NOTE**

Do not use in applications with any amount of oil present. The recommended hole size should be 1.25–2.5 times the screen panel thickness.