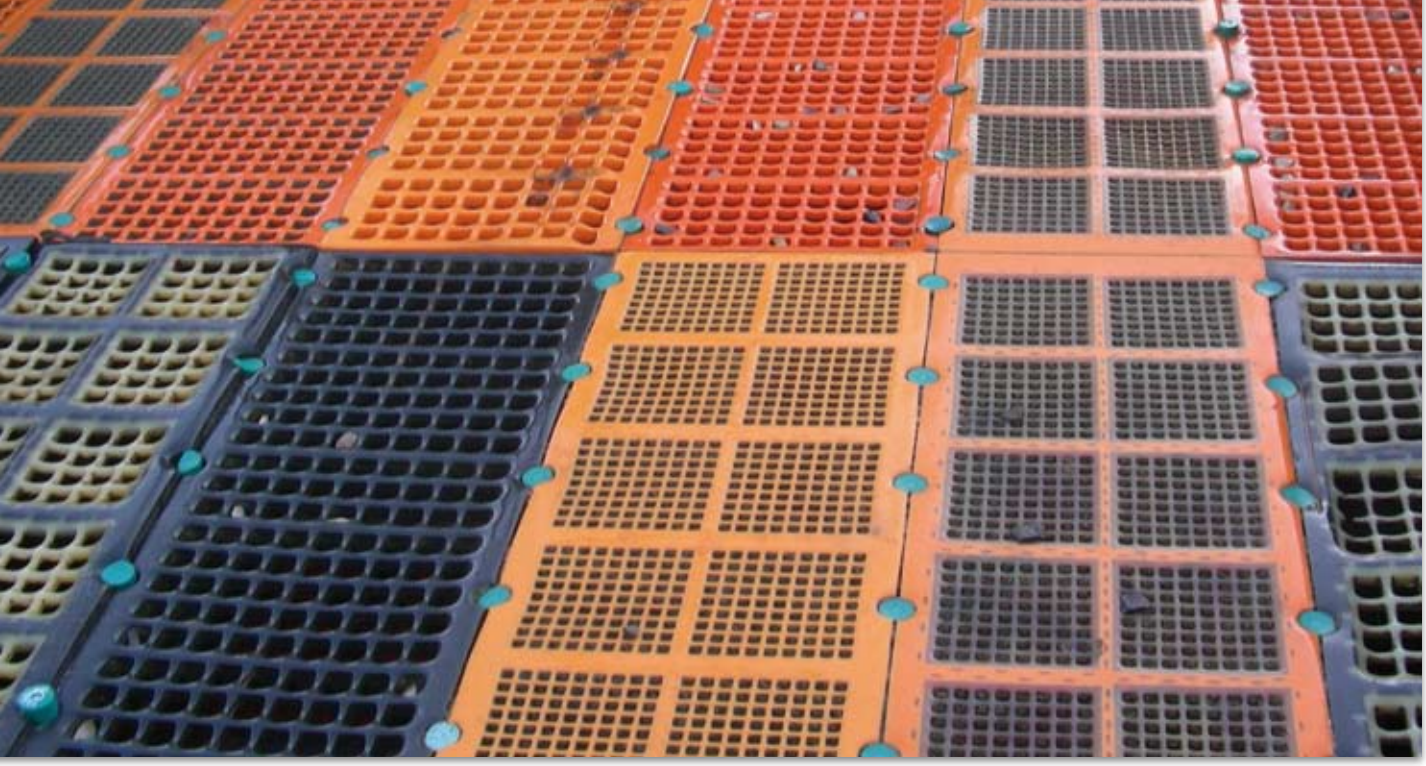


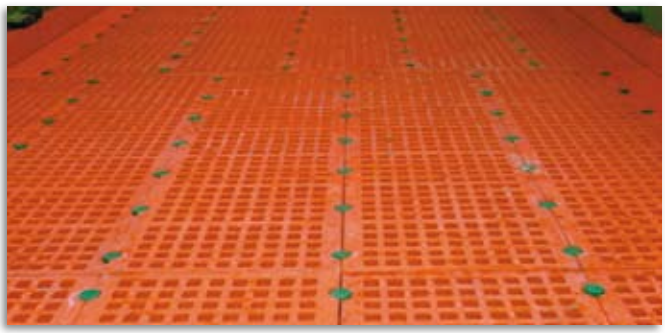
Sieves.

Delivery Program

STEINHAUS

Polyurethane Screen Panels

KOMBIPLAST
System Screen Deck



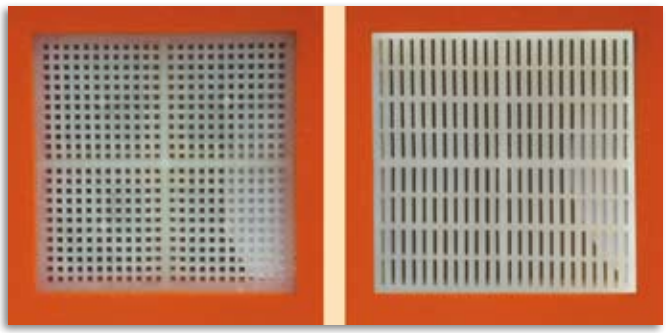
KOMBIPLAST system screen modules of highly wear resistant polyurethane in standardized sizes, with full screening area or blind. Modules in width of 150 and 300 mm and lengths from 300 up to 1200 mm. With the same aperture range as the other STEINHAUS polyurethane screen panels. Fixing to the substructure bars is by the well proven peg anchoring system.

KOMBIPLAST-IM completely injection moded modules in standard dimensions.

KOMBIFLEX-W whipping (Flip Flop) screen modules for difficult to screen material.

KOMBIPLAST-LB modules with punched plates in special steel grades.

FORSIPLAST / SPALTOFLEX
in conventional panel execution



FORSIPLAST

Characteristics : Screen panels consisting of individual injection moulded units, connected by welding and / or cast moulded polyurethane
Apertures : 0,63 to 30 mm square
Panel thickness : 2 to 19 mm in the hole area
Material : Highly wear resistant polyurethane, precise cutting, self cleaning, product protecting, extremely long standing time, noise reducing
Application : Classifying abrasive bulk materials

SPALTOFLEX

Characteristics : Same as for FORSIPLAST
Slot widths : 0,1 to 11,2 mm
Panel thickness : 2,5 to 18 mm in the slot area
Material : Same as for FORSIPLAST
Application : Dewatering, deslurrying, pulp recovery, classifying, filtration, enviromental applications

UNI 2000
System Screen Deck

UNI 2000 - system screen modules are fixed to the substructure bars by means of adapter slats, thus making it compatible to other types of modular systems. There are system units with standard widths of 150 and 300 mm and flexible lengths of up to 1200 mm, all made of highly wear resistant polyurethane.

LOSIPLAST
in conventional panel execution

Characteristics : Completely cast moulded screen panels in standard executions, but available in different hardnesses of 35, 45, 63 and 85 Shore-A
Apertures : 3,15 to 125 mm both in square and rectangular holes
Panel thickness : 25 to 130 mm
Material : Highly wear resistant polyurethane, precise cutting, self cleaning, product protecting, extremely long standing time, noise reducing
Application : Classifying abrasive bulk materials.

Accessories

AQUAPLAST - Fan Spray Nozzles

Aquaplast-Fan Spray Nozzles, of corrosion and wear resistant polyurethane, virtually eliminates blockages even with particles up to 3 mm in the water. Well proven for washing / rinsing on screening machines, with an even, fan shaped water curtain using pressures of 0,5 to 3,5 bar.

Available as:

PD 4	with 4 mm-hole	(colour code green)
PD 5	with 5 mm-hole	(colour code orange)
PD 7	with 7 mm-hole	(colour code blue)
PD 9	with 9 mm-hole	(colour code yellow)

All the above nozzles are also available as mini nozzles type "PM".

Quick release couplings:

R 3/4 "	male	(colour code green)
R 1/2 "	male	(colour code black)
R 3/4 "	female	(colour code grey)

ACCESSORIES

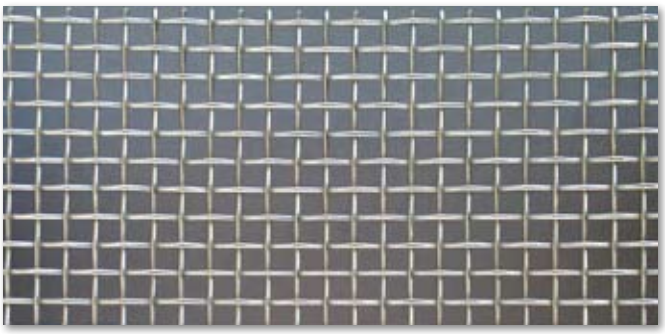
STEINHAUS screen deck accessories, of polyurethane / steel, to supplement the STEINHAUS Polyurethane screen decks.

For example:

- side fixing slats
- wedge slats
- bolt head protection discs
- central fixing slats
- tensioning rails
- and many more

Woven Wire Screen Cloths

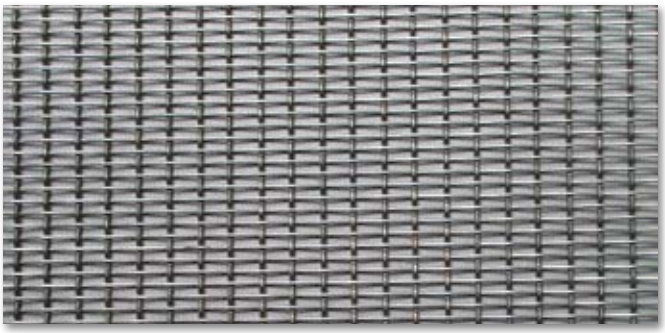
REKORD



Features : Woven sieves with square meshes with or without tensioning clips
Mesh sizes : 0,25 to 50,0 mm
Wire thickness : 0,125 to 6,3 mm
Material : Spring steel to EN 10270-1, other qualities on request
Application : Sieving bulk materials on screening machines, in trommel screens and on screening chutes.

The information and illustrations in this product information are non-binding and only represent an approximate description. The properties are not guaranteed.

REKORD-REKTAN



Features : Woven sieves with rectangular meshes, with or without tensioning clips
Mesh sizes : 0,25 x 0,75 mm to 10 x 30 mm
Wire thickness : 0,14 / 0,125 mm to 2,0 / 3,2 mm
Material : Spring steel to EN 10270-1, other qualities on request
Application : Sieving bulk materials on screening machines, in trommel screens and on screening chutes.

Woven Wire Screen Cloths

ONDULA
- Thinwire / - Rektan

Features : Woven-type sieves from undulated wire with square, rectangular or slotted meshes, with or without tensioning clips

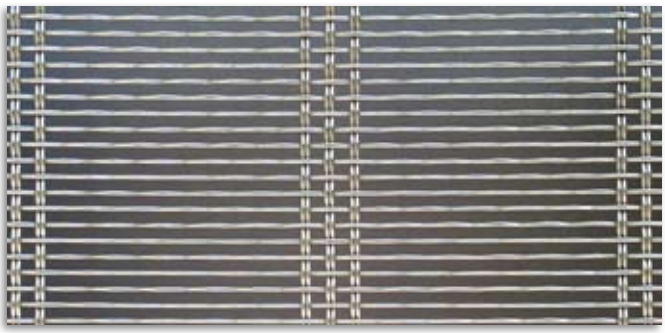
Mesh sizes : Square mesh : 3,15 to 31,5 mm
Rectangular mesh : 2,0 x 6,3 to 10 x 31,5 mm
Slotted mesh : 1,0 x 14 to 16 x 80 mm

Wire thickness : 0,63 to 3,6 mm

Material : Spring steel to EN 10270-1, chrome steel, chrome nickel steel

Application : Sieving bulk materials on screening machines. Rectangular and slotted mesh types especially suitable for damp and hard-to-sieve materials.

HARFE
HARFEPLAST



Features : Woven-type sieves from round wire, smooth or vertically undulated with long or slotted meshes, with or without tensioning clips

Slot width : 0,1 to 16 mm

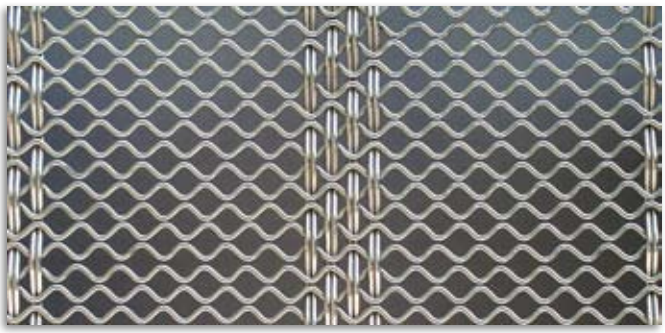
Slot length : 60 to 150 mm

Wire thickness : 0,71 to 2,5 mm

Material : Spring steel, chrome steel and chrome nickel steel; cross-connections of HARFEPLAST made of polyurethane

Application : Sieving damp, hard-to-sieve materials on screening machines.

SERPENTI
SERPENTIPLAST



Features : Woven-type sieves from round or flat wires, undulated within the panel surface, with diagonally square meshes, with or without tensioning clips

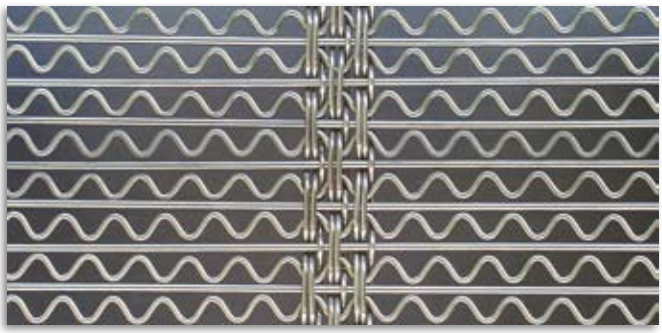
Mesh opening : 2 to 25 mm

Wire thickness : round wire : 0,9 to 4,5 mm
flat wire : 1,6 x 3,2 to 4,5 x 9,0 mm

Material : Spring steel, chrome steel and chrome nickel steel; cross-connections of SERPENTIPLAST made of polyurethane

Application : Sieving damp, hard-to-sieve materials on screening machines.

TRIA
TRIAPLAST



Features : Woven-type sieves from alternately straight and undulated round or flat wires, with or without tensioning clips

Mesh opening : 2,0 to 22,4 mm

Wire thickness : round wire : 1,25 to 5,0 mm
flat wire : 2,2 x 4,4 to 4,5 x 9,0 mm

Material : Spring steel, chrome steel and chrome nickel steel; cross-connections of TRIAPLAST made of polyurethane

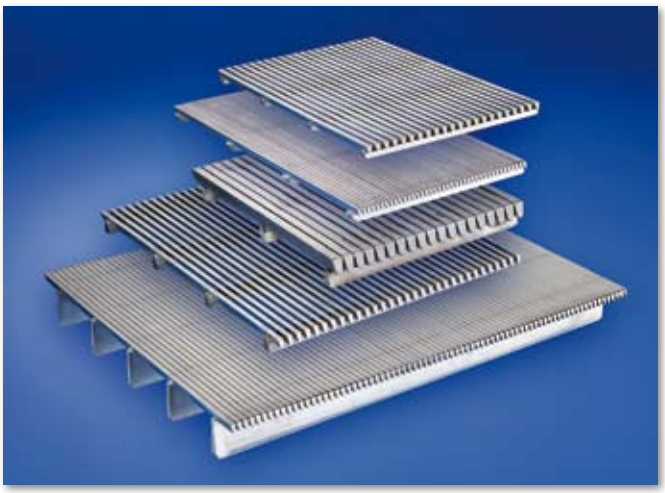
Application : Sieving damp, hard-to-sieve materials, (self-cleaning sieves) on screening machines and screen drums.

Slotted Screen Components

OPTIMA

Features : Wedge wire sieves, profile wires and crossrods welded, with throughgoing slots and smooth surface
Slot width : 0,1 to 28 mm
Profiles : 1,5 to 10 mm head width and 4 to 20 mm profile height, profile shape depending on application
Crossrod pitch : 25 to 100 mm
Material : Mild steel, MnS, chrome steel and chrome nickel steel
Application : Classifying, filtering, dewatering, deslurrying, pulp recovery, cooling, drying, centrifuge baskets, evironmental protection.

OPTIMA system modules fit on the KOMBIPLAST Support Construction.



OPTIMA-SPIRAL

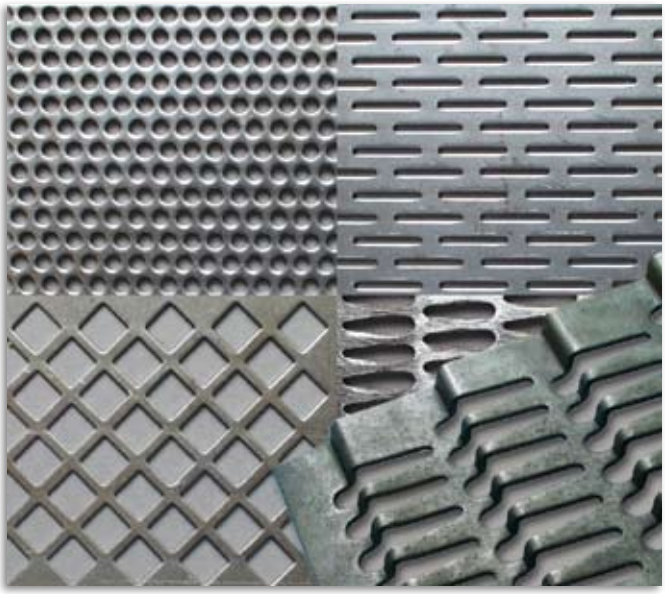
Features : Cylinders of welded wedge wire, crossrods and profile wires resistance welded. Continuous slots, smooth screening surface
Slot width : 0,05 to above 20 mm, also infinitely variable within one OPTIMA Spiral cylinder
Profiles : 1 - 3 mm head width, 2 - 8 mm profile height
Crossrod pitch : Depending on the diameter from 10 mm upwards
Material : Mild steel, MnS, chrome steel, chrome nickel steel and weldable non-ferrous metals
Application : Filtering, classifying, dewatering, deslurrying, pulp recovery, cooling, drying, pusher centrifuge baskets, environmental protection.

PRÄZISSA / CADETTA

Features : Wedge wire sieves from looped and pressed wires, positioned on round-wire crossrods
Slot width : 0,05 to 10 mm
Profiles : 1 to 4,6 mm head width and 2 to 8,5 mm profile height, profile shape depending on application
Crossrod pitch : 45 to max. 120 mm
Material : Mild steel, chrome steel and chrome nickel steel, non ferrous metals on application
Application : Classifying, filtering, dewatering, deslurrying, pulp recovery, cooling, drying, centrifuge baskets, evironmental protection.

Punched Plates and Grids

PERFORATED PLATES



Perforated plates with round holes:
0,5 to 125 mm, DIN 24041

Perforated plates with square holes:
2,0 to 125 mm, DIN 24042

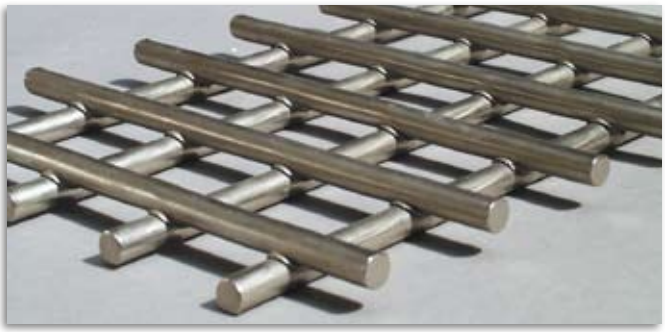
Perforated plates with rectangular holes:
1,0 to 40 mm aperture width and
10 to 80 mm aperture length, DIN 24043

Perforated plates with special holes:
such as drop- or pear shaped

STUFIX-Perforated plates:
with openings stepwise, widening in the direction of flow

Mikro-perforated plates:
with holes, down to 0,04 mm, from soft or hard nickel, on application with special surface finish.

SOLIDA



Features	:	Grids, pressure welded, from plain, round wire, with square and rectangular meshes, with or without tensioning clips
Mesh sizes	:	10 to 200 mm
Wire thickness	:	4 to 20 mm
Material	:	MnS, chrome nickel steel
Application	:	Sieving coarse materials (coke, coal, ore, gravel, hard rock) on screening machines and in trommel screens

LONGVITA

Features	:	Grids, smooth on one side, from round or profile wires with square or rectangular meshes, with or without tensioning clips		
Mesh sizes	:	5,0 to 100 mm		
Wire thickness	:	round wire	:	2,5 to 16 mm
		profile wire	:	H 4 to H 15
Werkstoff	:	mild steel	:	2,5 to 8,0 Ø
		MnS	:	2,5 to 16,0 Ø
		spring steel to EN 10270-1	:	2,5 to 12,5 Ø
		chrome and chrome nickel steel on application; profile wire only in MnS		
Application	:	Sieving coarse materials (coke, gravel, ore, chippings) on screening machines and in trommel screens.		

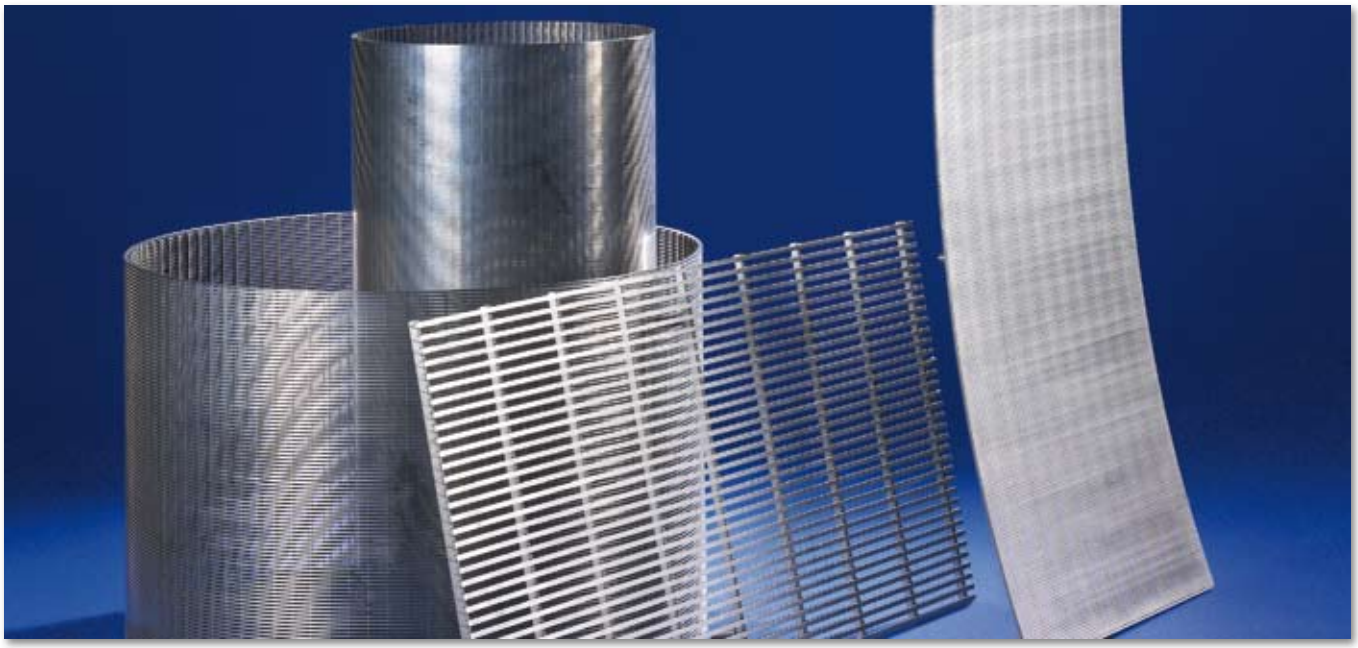
Progress with Tradition

STEINHAUS GMBH is a forward looking group of companies employing more than 1.500 people in worldwide activities.
Modern workshop facilities and production methods and our own development departmend are backed by a strong team of dedicated salesmen and engineers. This combined with numerous national and international partners are our guarantee for reliable, quality products and expertly advise.
STEINHAUS screen panels are available in various executions, from wear and corrosion resistant steel grades to steel reinforced polyurethane, with appropriate apertures.

They are used for separating solid mineral raw materials, such as sand and gravel, hard rock, coal and ores, chemicals, foods and many others, on screening machines, in centrifuges and filters.

Various accessories, wear resistant linings and fan spray nozzles complete the sieve programme.

The total STEINHAUS delivery program offers wire meshes and grids, punched plate, wire mesh conveyor belts, textile filter cloths, filter hoses and bags, form filters and filtercloths made of metals and synthetics, foil articles and flexible housings.



Screen Panels
Screen panels made of steel and polyurethane, system screen segments, wire cloth, perforated plates

Slotted Screen Panels
Slotted screen panels made of wear resistant, alloyed, corrosion resistant steel grades, with and without reinforcement, in welded and looped execution.

Wire Conveyor Belts
Wire conveyor belts, woven and braided, belt tracking device

Filter Media
Filter cloth, hoses, bags made of textile fibres, form filters and filter fabrics made of metals and synthetics, high precision filter tubes

WB101E/04.2007

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