

# ConiPerf FINELY PERFORATED SHEETS

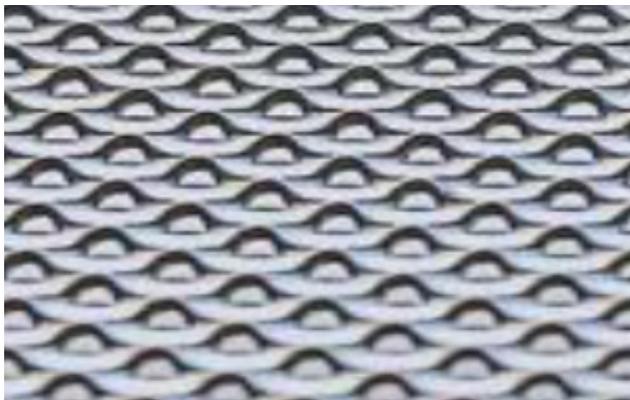


## ● SMALL PERFORATION IN THICK SHEETS

- aeration floors in tower silos and coal-dust storage bins
- screen liners in centrifuges
- pneumatic conveyors

## ● FOOD INDUSTRY

- working screens for starch centrifuges
- dewatering screens in centrifuges
- milling screens
- air and gas baffle plates for fluidized beds and for fluid drying or cooling



## ● PROCESSING TECHNOLOGIES

- crushing of plastics
- drying and cooling of foundry sand
- processing of wood shavings into particle boards

## ● CHEMICAL INDUSTRY

- screens in centrifuges, e.g. for ammonia, ferrous sulfate, Glauber's salt, soda crystals, sodium chloride, sodium sulfate, calcium, potash, etc.
- milling screens for crushing



## ● TRIANGULAR CONIPERF PERFORATION

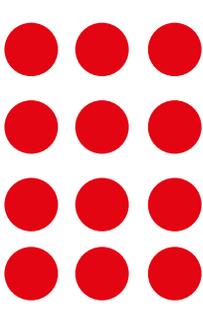
The openings of the triangular ConiPerf perforation have a triangular to semi-elliptical shape. At the same time, these openings exhibit a steep conicity. Rolling of the triangular perforation smooths the rough surface to the required level. This process causes only a slight change in the shape of the openings, while their conicity remains preserved.

Material	Material thickness mm	Aperture size mm
Stainless steel	0,40 – 1,50	0,10 – 4
Steel	0,50 – 2	0,10 – 6

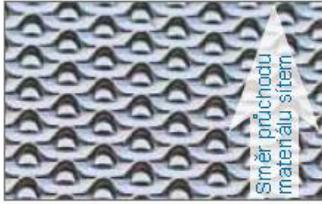
## ● SLOT-SHAPED CONIPERF PERFORATION

Thanks to the longitudinal openings of the slotted ConiPerf perforation, significantly larger open areas can be achieved compared to the triangular ConiPerf perforation. Depending on the specific requirements, the slotted ConiPerf openings provide an open area ranging from 5% to 27%.

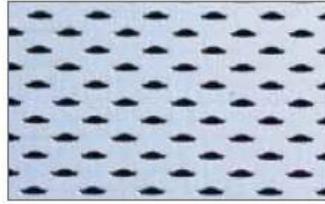
Material	Material thickness mm	Aperture size mm
Stainless steel	0,40 – 1	01x2 – 0,5x4
Steel	0,50 – 1	0,1x2 – 0,5x4



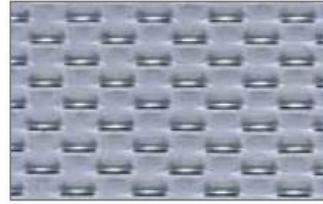
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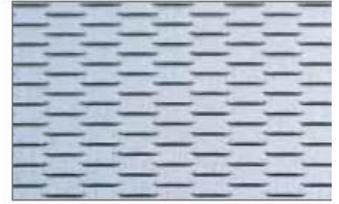
TRIANGULAR CONIPERF PERFORATION



BRUSHED TRIANGULAR CONIPERF PERFORATION



ROLLED SLOTTED CONIPERF PERFORATION



BRUSHED SLOTTED CONIPERF PERFORATION

- Due to high abrasion during milling, ConiPerf belts are often nitrided to extend screen service life.

Thickness mm	2					
Common apertures mm	2	3	4	6	Special 2,4	Special 3,5

## ● STEEL CURVED SORTING SCREENS

Material	Perforation type	Pitch	Format	Curving
S235JRG2	Lv 5 - 60	20 x 70 mm	5 x 847 x 1025 mm	YES
S235JRG2	Lv 5 - 60	20 x 70 mm	5 x 1012 x 1635 mm	YES



## ● STAINLESS-STEEL TROUGH SORTING

Composition	Material	perforation type	pitch / wire	Format
perforated sheets	SS 1.4301-1.4307	Rvp 28 mm	40 mm	1,2 x 1173,80 x 1503,8 mm
frame	SS 1.4301	-	-	1173,80 x 1503,8 mm
technical fabric	SS 1.4301	1,35 x 1,35 mm	0,5 mm	1173,80 x 1503,8 mm