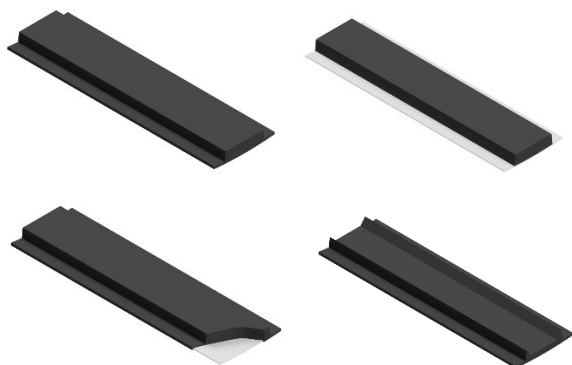


## TEKNIKUM® Rubber Shell Plates



Teknikum® Rubber shell plates are manufactured from wear resistant TRL rubber material and can also be equipped with steel background to give additional strength to the structure.

All rubber shell plates are moulded and tailor made for the customer mills and processes.

The thickness of the shell plates is selected in order to increase life of linings. Also, increasing of mill capacity can be taken account. The width of shell plate is designed for optimum protection from the lifter bars.

The quality of rubber and shape of shell plate will be chosen for every purpose differently from Teknikum® TRL mill lining rubbers. Rubber and thickness must be chosen according to grinding and process parameter.

### ADVANTAGES

- Good wear impact wear resistance
- Good wear abrasive wear resistance
- Increasing of mill capacity
- Easy installation
- Light weight
- Low noise level vs. steel liners

### TECHNICAL PROPERTIES

#### Rubber compound

The shell plates are made of Teknikum® TRL wear resistant rubber compound depending on the application.

#### Steel backing

The steel backing can be between 3-10 mm steel depending of the application and process circumstances.

#### Shell plate types

The shell plate type can be selected depending on the process, lining type, mill loads and chemical conditions. The plate can be rubber, steel backed, or with fully encapsulated steel backing.

#### Versions

- **VL – all rubber** shell plate made from wear resistant rubber.
- **VLS – steel backed shell plate** with wear resistant rubber on at wearing surface.
- **VLT – steel backed shell plate** with steel/rubber wings fully encapsulated steel back with with wear resistant rubber on wearing surface. The capsulated steel backing is well protected against chemical corrosion.
- **VLA – shell plate for wave linings** is specially designed for rubber wave lining type.

Shell plates are available in different sizes from thickness from 40 to 130mm and width up to 330mm. The maximum length is 1600mm.

## MANUFACTURER

Teknikum Oy (Business ID FI07645274),  
Nokiankatu 1, 38210, Sastamala, Finland

## Sales

Teknikum Group, Lining BU

## More information

[sales@teknikum.com](mailto:sales@teknikum.com)

[www.teknikum.com](http://www.teknikum.com)

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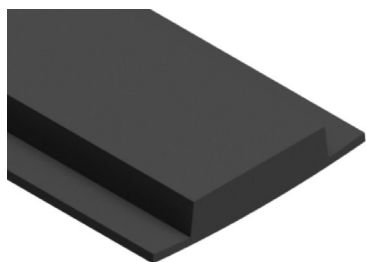


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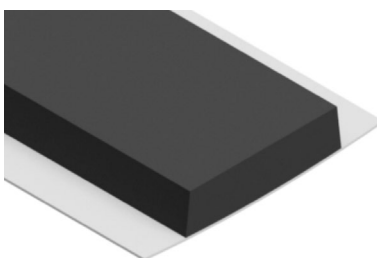
Other dimensions available on request.

Version	Thickness range (mm)	Max width (mm)	Max length (mm)	Backing steel thickness (mm)
<b>VL</b>	40-130	330	1600	N/A
<b>VLS</b>	40-130	330	1600	3-10
<b>VLT</b>	40-130	330	1600	3-10
<b>VLA</b>	40-130	300	1600	N/A

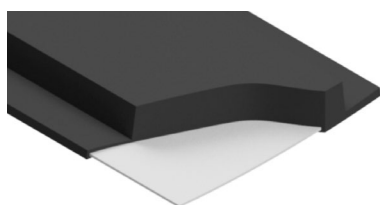
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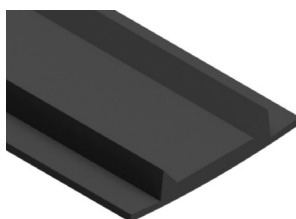
VL



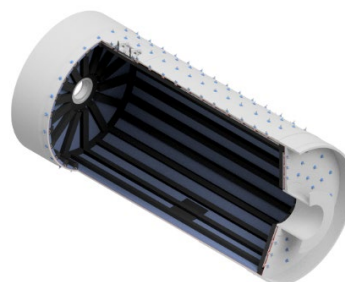
VLS



VLT



VLA



Rubber shell plates for mill shell