

# LBS

conveyor belts



DURATHANE  
THE MULTIFUNCTIONAL  
AND DURABLE POLYURETHANE



endless in service and innovation

## DURATHANE

Protect your system against product and proximity wear with DURATHANE of LBS Emmen. These polyurethane plates are highly durable and multifunctional and will protect your product and / or system against wear and damage over a long period of time.

This documentation provides additional information about the complete range of DURATHANE plates that LBS Emmen can supply you with.

DURATHANE ST : Polyurethane plates without back / reinforcement

DURATHANE MG: Polyurethane plates reinforced with metal gauze

DURATHANE MS : Polyurethane plates with a solid steel back



DURATHANE ST



DURATHANE MG



DURATHANE MS

### DURATHANE ST

DURATHANE ST is the lightest and most flexible variant in the range. The flexibility makes it very easy to shape by hand.

These plates are generally fitted in place using bolts. It is also possible to glue them to various bases.

As well as being used as a cladding, they are also ideally suitable for use as scrapers or side skirting. DURATHANE ST can be very easily fitted to a rubber conveyor belt as an anti-wear component.

### DURATHANE MG

DURATHANE MG is reinforced with crushed metal gauze. The metal gauze produces a stiffer and flatter plate. This reduces the thermal expansion and contraction of these plates after being fitted. The metal gauze also ensures that the plate is held together if it cracks or tears.

The metal gauze reinforcement also creates a mechanical stop for the bolt heads if the plates are fitted using bolts.

### DURATHANE MS

DURATHANE MS has a solid steel back which creates a very stiff and level plate. The solid steel back comes in a standard thickness of 2 mm. This minimises thermal expansion and contraction.

These plates are generally fitted in place using bolts. The solid steel back also makes it possible to weld these plates onto a metal base.



## DURATHANE

Thickness	6,5 mm	8 mm	9,5 mm	12,5 mm	16 mm	19 mm	25,5 mm
<b>DURATHANE ST</b> 3.000 x 1.200 mm	✓	✓	✓	✓	✓	✓	✓
<b>DURATHANE MG</b> 3.000 x 1.200 mm		✓	✓	✓	✓	✓	✓
<b>DURATHANE MS</b> 2.000 x 1.000 mm	✓	✓	✓	✓	✓	✓	✓

Standard colour: Orange

Standard hardness: 85° Shore A

Other measurements, thicknesses, hardnesses and colours on request

Also available in qualities for unpackaged foods



### Areas of application:

- Sand and stone quarries
- Cement and lime factories
- Agriculture: grain and artificial fertiliser
- Coal and cokes
- Salt industry
- Silicon carbide
- Sugar
- Glass
- Wood processing industry
- Chemical industry
- Mining
- Road construction
- Mobile / stationary crushing and screening installations
- Snowploughs etc.



Synthetic conveyor belts  
Rubber conveyor belts  
Synthetic modular belts and chains  
Drive, timing and round belts  
Synthetic gauze belts  
Special endless belts  
Components for belt conveyors  
Technical rubber and synthetics  
Service, installation and maintenance



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LBS Emmen bv  
Phileas Foggstraat 48  
NL-7825 AL Emmen  
The Netherlands

Phone +31 (0)591 668220  
Fax +31 (0)591 668239  
Internet [www.lbs.cc](http://www.lbs.cc)  
E-mail [info@lbs.cc](mailto:info@lbs.cc)

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