

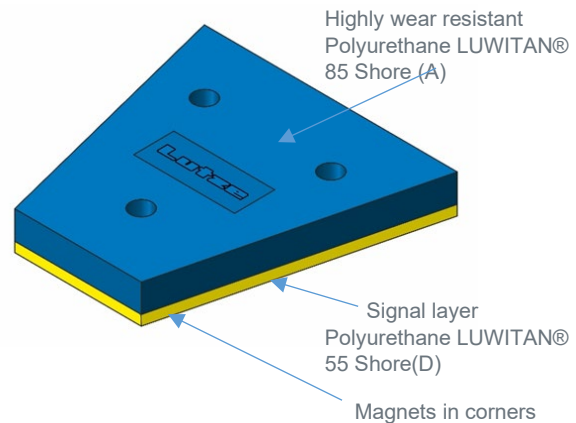
# MODULAR WEAR PROTECTION SYSTEM **LMS**

Polyurethane LUWITAN®, blue/yellow, 85 Shore (A) + 55 Shore (D)

LMS-PU modules available in a size of 250/500mm x 500mm. Due to the trapezoidal shape of the modules, washouts at the joints of the individual modules are minimized. Highly wear-resistant polyurethane LUWITAN® 85 Shore (A) as a wear layer and the yellow layer polyurethane LUWITAN® 55 Shore (D) as a signal layer and at the same time as a backing layer. Magnets are inserted into the corners of the yellow backing layer to prevent fine material from settling under the liner and allows for safe and easier installation. For the mechanical fastening of the modules (through-bolts, welding bolts), 3 mounting holes are already inserted at the specified distance. Different materials (wear rubber LMS-RU, polyurethane LUWITAN® LMS-PU, polyethylene TIVAR88-2 LMS-PE, ceramic/rubber LMS-PC) available and interchangeable. LMS-PU Kit (6 m<sup>2</sup> = 32 modules) for optimal warehousing.

To have less caking, special corner elements in polyurethane LUWITAN® or polyethylene TIVAR88-2 can be used.

Also available without mounting holes.



## ADVANTAGES

- Polyurethane LUWITAN® is highly wear-resistant
- Oil and grease resistant
- Simple, flexible, and quick installation with secure fastening (welding bolts, through-hole screws)
- Reduction of operating costs (warehousing)
- Long service life leads to increased plant availability
- Trapezoidal shape of the modules reduces wear (washouts at joints)
- Easy replacement of the modules → optimization of the wear lining
- Preventive maintenance through signal layer
- Other material qualities available (rubber, polyethylene, ceramic)
- Reduction of noise level
- Vibration reduction
- Good microbial resistance
- Good hydrolysis resistance
- Good weather resistance

## TYPICAL AREAS OF APPLICATION

Highest wear resistance in applications with sliding wear and caking, as well as with oily and greasy materials. Medium-duty applications in mining, quarries, sand and gravel plants and in industry, e.g. bunkers, containers, chutes, loading points, feeders, gutters, hoppers, silos, etc.

**PROPERTIES**

Highly wear-resistant polyurethane LUWITAN® 85 Shore (A)

	Value	Unit	Standard
Colour	blue		
Polymer	Polyurethane		
Density	1,23	g/cm <sup>3</sup>	ISO2781
Hardness	85 ± 5	Shore (A)	ISO48

**LMS** Modular wear protection system in polyurethane LUWITAN® LMS-PU

Part-No.:	Description	Thickn. in mm	Dimension (TxWxL) in mm	Thickn. signal layer/backing in mm	Thickn. wear layer in mm	Weight kg/pce
LUTZ0310	LMS-PU-20	20	20 x 500/250 x 500	10	10	10,5
LUTZ0311	LMS-PU-30	30	30 x 500/250 x 500	10	20	12,6
LUTZ0312	LMS-PU-40	40	40 x 500/250 x 500	10	30	14,7

**LMS** Modular wear protection system in polyurethane LUWITAN® LMS-PU-Kit – 32 pcs (6m<sup>2</sup>)

Part-No.:	Description	Thickn. in mm	Dimension (TxWxL) in mm	Thickn. signal layer/backing in mm	Thickn. wear layer in mm	Weight in kg/Kit
KLUTZ0310	LMS-PU-Kit-20 mm	20	20 x 500/250 x 500	10	10	147,2
KLUTZ0311	LMS-PU-Kit-30 mm	30	30 x 500/250 x 500	10	20	224,0
KLUTZ0312	LMS-PU-Kit-40 mm	40	40 x 500/250 x 500	10	30	294,4