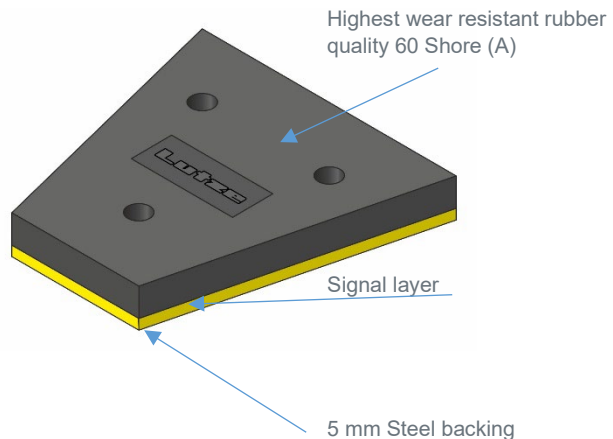


MODULAR WEAR PROTECTION SYSTEM **LMS**

Wear rubber, black + orange, 60 Shore (A) with signal layer

LMS-RU 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 rubber quality as a wear layer and the orange rubber layer as a signal layer on 5-mm steel backing plate S235 (ST-37) hot-vulcanized. The thickness of the signal layer depends on the total thickness (20, 30, 40, 50, 75, 100 mm) of the LMS-RU modules. The hot-vulcanized steel backing plate prevents fine material from settling under the liner and allows for secure fastening. 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-RU Kit (6 m² = 32 modules) for optimal warehousing.



To have less caking, special corner elements in polyurethane or polyethylene can be used.

Also available without mounting holes.

ADVANTAGES

- Highest wear resistance in applications with impact and sliding wear due to dry, sharp-edged material
- 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 (Polyurethan, Polyethylen, Ceramic)
- Reduction of noise level
- Vibration reduction
- Good weather resistance

TYPICAL AREAS OF APPLICATION

Highest wear resistance in applications with impact and sliding wear and noise pollution. Best results can be achieved at impact angles of 90°. Very heavy to medium duty applications (crushed sharp-edged material) in mining, quarries, sand and gravel plants, recycling plants, e.g. truck bodies, primary bunkers, chutes, loading points, feeders, funnels, silos, mobile crushing and screening plants, etc.

PROPERTIES

The T60 rubber quality is a 100% styrene, butadiene rubber (SBR) compound with excellent wear resistance to dry wear and impact.

	Value	Unit	Standard
Colour	black		
Polymer basis	SBR 100%		
Density	1,12	g/cm ³	ISO2781
Hardness	60 ± 5	°IRHD	ISO48
Abrasion	<=120	mm ³	ISO4649
Tensile strength	21,5	MPa	ISO37
Tear strength ISO 34C	30	kN/m	ISO34
Elongation at break	600	%	ISO37
Temperature	-25/+75	°C	

LMS Modular wear protection system in rubber LMS-RU

Part-No.:	Description	Thickn. in mm	Dimension (TxWxL)	Thickn. steel backing in mm	Thickn. signal layer in mm	Thickn. wear layer in mm	Weight kg/pce
LUTZ0318	LMS-RU-20	20	20 x 500/250 x 500	5	5	10	10,5
LUTZ0319	LMS-RU-25	25	25 x 500/250 x 500	5	10	10	11,5
LUTZ0320	LMS-RU-30	30	30 x 500/250 x 500	5	10	15	12,6
LUTZ0321	LMS-RU-40	40	40 x 500/250 x 500	5	10	25	14,7
LUTZ0322	LMS-RU-50	50	50 x 500/250 x 500	5	10	35	16,8
LUTZ0323	LMS-RU-60	60	60 x 500/250 x 500	5	10	45	18,9
LUTZ0324	LMS-RU-75	75	75 x 500/250 x 500	5	20	50	22,0
LUTZ0325	LMS-RU-80	80	80 x 500/250 x 500	5	20	55	23,1
LUTZ0326	LMS-RU-100	100	100 x 500/250 x 500	5	25	70	27,3

LMS Modular wear protection system in rubber LMS-RU-Kit - 32 Stück (6,0 m²)

Part-No.:	Description	Thickn. in mm	Dimension (TxWxL)	Thickn. steel backing in mm	Thickn. signal layer in mm	Thickn. wear layer in mm	Weight kg/pce
KLUTZ0318	LMS-RU-Kit- 20 mm	20	20 x 500/250 x 500	5	5	10	336,0
KLUTZ0319	LMS-RU-Kit- 25 mm	25	25 x 500/250 x 500	5	10	10	368,0
KLUTZ0320	LMS-RU-Kit- 30 mm	30	30 x 500/250 x 500	5	10	15	403,2
KLUTZ0321	LMS-RU-Kit- 40 mm	40	40 x 500/250 x 500	5	10	25	470,4
KLUTZ0322	LMS-RU-Kit- 50 mm	50	50 x 500/250 x 500	5	10	35	537,6
KLUTZ0323	LMS-RU-Kit- 60 mm	60	60 x 500/250 x 500	5	10	45	604,8
KLUTZ0324	LMS-RU-Kit- 75 mm	75	75 x 500/250 x 500	5	20	50	704,0
KLUTZ0325	LMS-RU-Kit- 80 mm	80	80 x 500/250 x 500	5	20	55	739,2
KLUTZ0326	LMS-RU-Kit- 100 mm	100	100 x 500/250 x 500	5	25	70	873,6