



L-PUR COATING FOR LOOSE MATERIAL TRANSPORT



www.LUBAS.com



ABOUT US

We are a manufacturer of L-PUR polyurethane elastomers – a material with a wide range of applications that proves useful in many branches of industry, from the extractive industry to the furniture industry.

LUBAS has been on the market since 1990, yet our knowledge and our experience go back to a time long before the production plant was built. They result from longstanding research work at the Faculty of Materials Science and Engineering at Warsaw University of Technology and from implementations and applications of polyurethanes in the extractive industry in the seventies and the eighties of the last century.

Currently, LUBAS is a modern plant with multiple departments which comprises a dozen or so technological processes all operating simultaneously.

The heart of the company is a polyurethane elastomer casting house and an autonomous engineering/construction department with advanced 3D technologies and a mechanical department with CNC machines.



L-PUR POLYURETHANE COVER

PIPES, ELBOWS, SPLITTERS AND FITTINGS

We cover pipes, elbows and splitters with a layer of L-PUR polyurethane, which significantly increases the lifespan of these elements and eliminates noise generated during operation. In addition, our material ensures long, fault-free operation, reducing the number of necessary services and stops.

With our knowledge and experience, we are able to use L-PUR polyurethane to cover all types of fittings, such as:

- hopper/chute of all types of conveyors from square to circle
- adapters with different diameter (pipe reducer)
- Z-type adapters
- brakes
- cones (also large ones)
- heads and elevator steps



CONVEYOR AND FEEDER COVER

Our material can be conveniently used to cover most types of conveyors and feeders used in the transport of loose materials, such as: cereals, oilseeds, legumes, pellets, sawdust and biomass. The use of the L-PUR coating significantly extends service life of devices, which decreases the number of stops, and additionally the covering itself greatly reduces the noise level. L-PUR polyurethane can be manufactured in different hardness grades, where the „soft” material can be easily fit while covering non-standard shapes.

Our solutions can be found in:

- redlers, where the L-PUR cover in the „scraper-bottom-sides-return” layout of the chain reduces noise
- of bucket elevators, which protects the chute, the elevator step and the head
- of inter-bucket seals against wear eliminating material spill
- on U-shaped conveyors and ensuring 100% tightness of transported material
- on screw conveyors – we cover entire bed and pipe devices

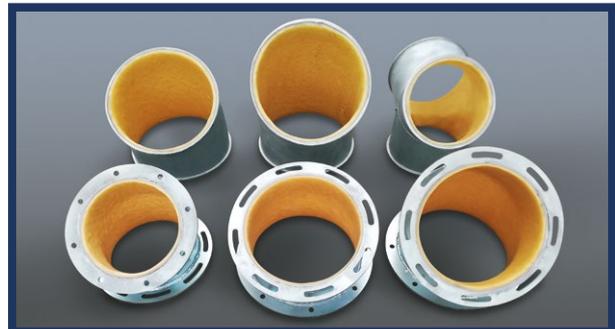


L-PUR POLYURETHANE SPRAY

L-PUR polyurethane can also be applied in the form of spray. It is specifically applied in:

- places that are hard to reach
- non-standard and non-typical shapes of single elements, shaping of which is economically unjustified

A major advantage of spraying with L-PUR coating is the possibility to adjust the thickness of the wear-resistant layer in points particularly exposed to increased wear.



SPARE PARTS FOR MACHINES

Our range also includes spare parts made of L-PUR polyurethane. They are used in all types of agricultural machinery where durability and wear resistance are important. Our products fulfill their function perfectly, often exceeding the lifespan of the original.

