AL.

ELASTOMER EXTRUSION



Former Schmiddingwerke site, Hanover | Headquarters of **AL Elastomer Extrusion GmbH** | A company of AL-Group

Specialists in industrial rubber seals and elastomer products

With many years of experience and expertise, as well as extensive specialist knowledge, we are a recognised specialist in the manufacture of high-quality, technical rubber products for industry, such as rubber profiles, moulded parts, hose rings, and profiled rings and frames.

Expertise in high-precision products

Our extensive expertise also covers the extrusion of complex profiles as well as the production of large-volume profiles. We manufacture all moulded parts to a consistent, high-precision standard with series and batch traceability.

For a wide variety of application challenges

We supply companies of all sizes and across all sectors throughout Europe, for example in mechanical and plant engineering, the chemical industry, the automotive and electrical engineering sectors, as well as for use in the food and beverage industry and steel hydraulic engineering.

Customised production in any quantity

In addition to large and medium-sized batches, we also produce very small runs and bespoke custom-made items, right down to single pieces.

High-quality materials to meet every requirement

We process all types of materials across all sectors, including NR, NBR, HNBR, EPDM, CR, FKM, PU and silicone. All these materials are available in various degrees of hardness and colour options.



Profiles

We manufacture rubber profiles up to 10,000 g/m. The possible cross-sections range from 3 to approx.180 mm. Using high-performance automatic punching machines, we can produce sections of varying lengths from almost all profile cross-sections.
We machine the end pieces in-house, enabling us to respond quickly to any changes, corrections or modifications.

Profile rings and frames

Depending on the intended application, profile rings can be manufactured using various processes.
We produce cold-bonded, free-hand vulcanised and mouldbonded profile cord rings and frames.
Due to the different manufacturing processes, any quantity is possible.

Hose rings

Dimensions: from approx. 3 to 300 mm internal diameter and approx. 6 to 400 mm external diameter
Lengths: heated on a mandrel, up to 2,000 mm in length, depending on the diameter
Finishes: smooth extruded or subsequently ground on the outside, with or without fabric reinforcements.
Subsequent manual finishing possible:
e.g. grooves, chamfers, recesses, perforations, crown grinding

Moulded components

We manufacture moulded rubber components and rubber-to-metal assemblies, with and without fabric reinforcements. Our state-of-the-art machinery enables us to achieve high-precision production, which is optimally complemented by manual finishing. In addition, various markings or customer-specific features can be applied.

Coupling elements

Elastic coupling elements made from synthetic rubber (N-Eupex) for Flender elastomer couplings.
H-shape, oval, raised, square. All packs and sizes available from stock



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