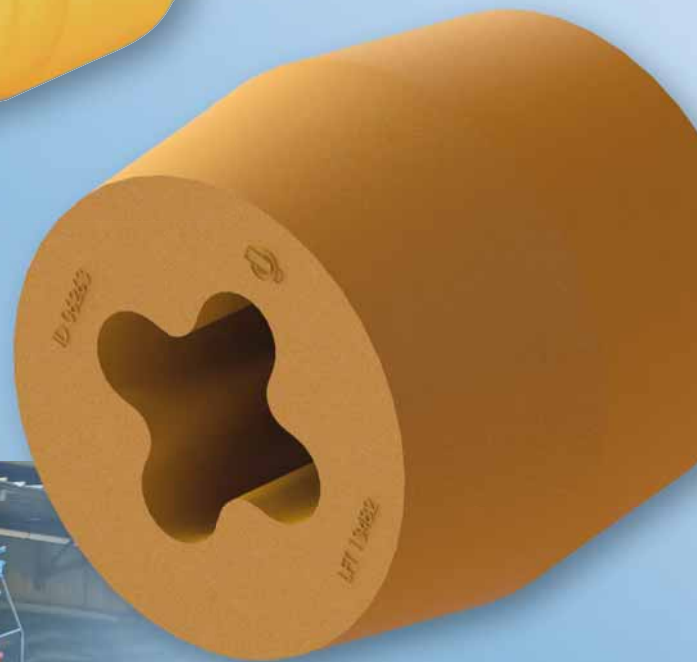
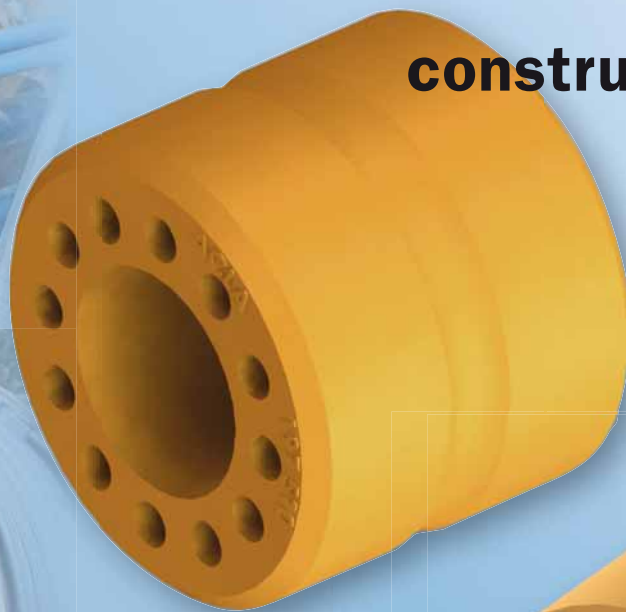




**High-performance
elastomer molded parts
made of ACLATHAN®
for trenchless
construction methods**



Industry
Information



High-performance elastomer molded parts made of ACLATHAN® for trenchless construction methods

Durable and reliable damping elements for use in rocket drilling systems

PU molded parts from ACLA: Proven in industrial applications worldwide

As one of Europe's leading manufacturers and developers of technical polyurethane molded parts, ACLA-WERKE GMBH has been offering a high-quality product range for various industrial applications for over six decades. ACLA's PU molded parts are the ideal solution, especially for high loads, heavy wear and damping requirements.

High-Performance PU molded parts for underground applications

Wear and damping-intensive applications are a particular challenge in trenchless pipeline construction. This is where ACLA's polyurethane components excel, thanks to their specific material advantages. Damping elements made from ACLATHAN provide an optimal combination of flexibility and durability, making them ideal for demanding applications.

Material expertise at the highest level

With over 60 years of experience in plastics processing, ACLA develops customized solutions that meet the highest technical standards. Polyurethanes from ACLA are specially optimized for extreme loads whether for high compressive forces, consistent elasticity, or maximum abrasion resistance. We are happy to provide you with detailed information on the specific material properties of ACLATHAN upon request.

Reliability in trenchless construction methods

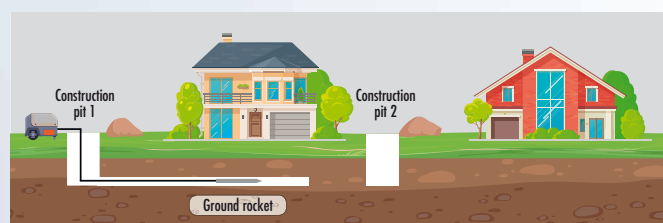
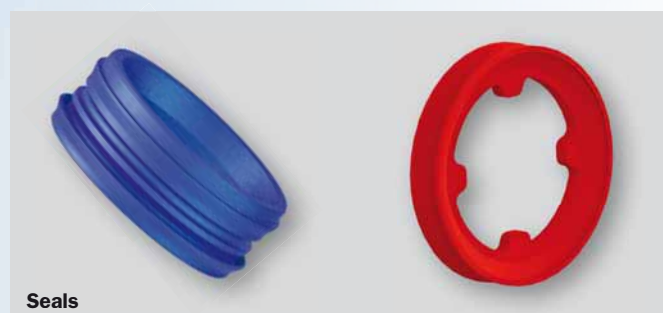
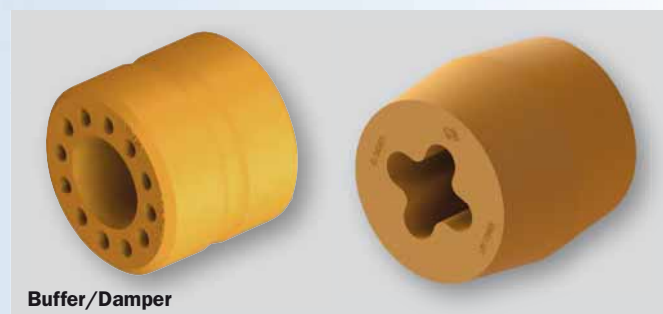
Damping elements made from ACLATHAN - manufactured on a NDI- or MDI-basis - are used in earth drilling and rocket drilling systems as spacers, vibration dampers and shock absorbers. They ensure reliable damage prevention and minimize wear. Sliding and sealing elements made from ACLATHAN guarantee long service life and reduce compressed air losses.

Maximum resistance to external influences

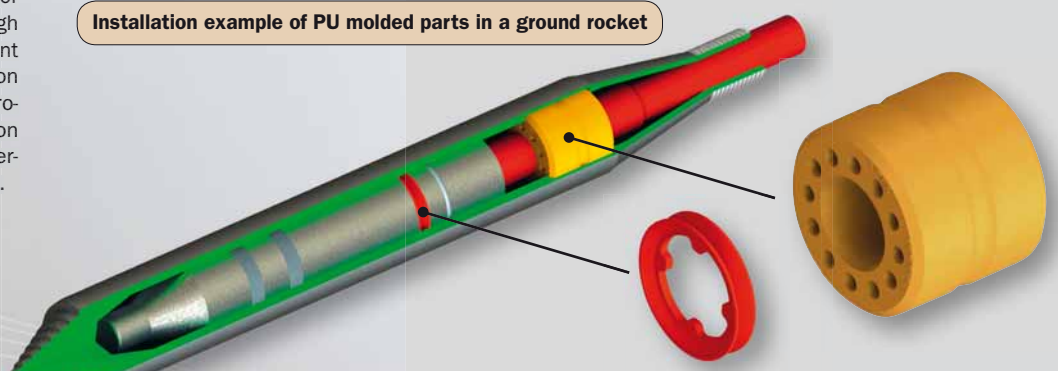
ACLATHAN remains reliable even under extreme conditions: dust, moisture and salty air have no negative impact on the material. Thanks to its excellent hydrolysis resistance and resistance to oils, greases and chemicals it is ideal for demanding applications.

The temperature range of -40°C to +70°C ensures high performance even in challenging environmental conditions.

Examples of PU molded parts from ACLA used in trenchless construction methods



Installation example of PU molded parts in a ground rocket



Find out more about our diverse product range of technical articles made of PU elastomers on our homepage.

