

30
1996
2026
Passion for silicone

ELMET 
SMART SILICONE SOLUTIONS

**There is more ELMET
in your everyday life
than you think.**

Let's Talk About
**Smart
Silicone
Solutions**

www.elmet.com

PRODUCTION SOLUTIONS

FROM THE IDEA TO SERIES PRODUCTION.

Whether in vehicles, household appliances, medical technology products, or industrial applications, silicone has become an integral part of our everyday lives. And often, there is more ELMET in it than you might think. In our PRODUCTION SOLUTIONS division, we accompany our customers from the initial spark of an idea to series production—and beyond.

We think along with you. We develop together. We deliver reliably.



PORTFOLIO

Product development & design support

- ▶ Material research, analysis and selection
- ▶ Component design
- ▶ Virtual component testing (FEM)
- ▶ Injection molding simulation

Prototyping

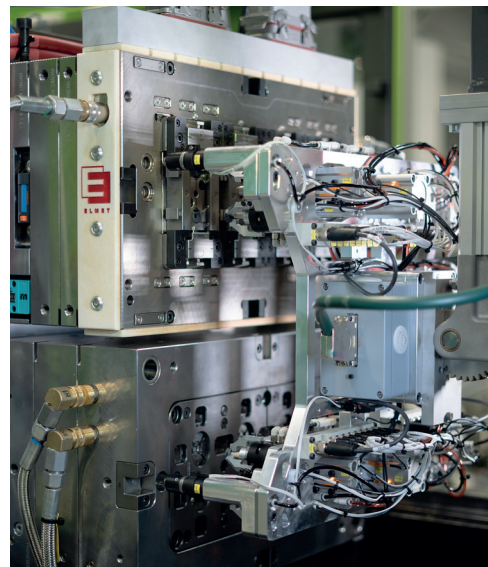
- ▶ Visual samples
- ▶ Functional samples
- ▶ Test samples
- ▶ Pre-production samples

Moldmaking & Automation

- ▶ Modular or customized tools for LSR
- ▶ Single or multi-component injection molding
- ▶ Master molds with up to 256 cavities
- ▶ Integrated production cells

Series production

- ▶ 24/7 series production
- ▶ 1K, 2K, and multi-component
- ▶ Premium LIM systems with ELMET dosing systems
- ▶ More than 2.5 billion components per year
- ▶ Complementary processes such as post-curing, slitting, assembling and custom packaging
- ▶ Product-Life-Cycle Management
- ▶ ISO 9001, 14001, 45001, IATF 169499



MORE THAN
30 YEARS OF
EXPERIENCE

ELMET 
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HOUSEHOLD

Silicone solutions for household, kitchen, and sanitary applications

ELMET silicone components are used in kitchens, bathrooms, and household appliances—anywhere touch, hygiene, and temperature resistance are important. Whether out of sight or as a visible design element, our solutions combine functionality with an attractive look and feel.

Examples include seals, dosing membranes, control elements, shower heads, and much more.



INDUSTRIAL

Reliable silicone components for Industrial applications

Efficiency, durability, and technical precision are key in industrial applications. Silicone components from ELMET meet these requirements—even in extreme temperatures or aggressive environments.

Examples include valves, sealing components, membranes, housing elements, and much more.



LIFE SCIENCE

Medical technology, healthcare, and baby care

ELMET is your partner when safety, biocompatibility, and hygiene are required. We supply high-precision silicone components for the medical, healthcare and baby care industries - produced under strictly controlled conditions.

Examples include baby and bottle teats, protective masks, flow valves, drinking cups, breastfeeding aids, valves, O-rings, cosmetic aids, and much more.

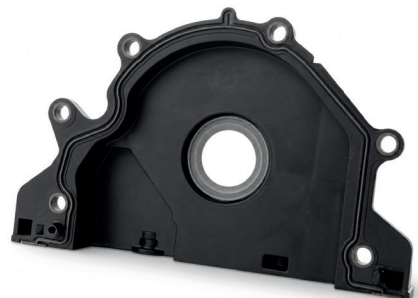


MOBILITY

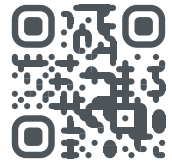
Silicone for the mobility of the future

Whether electric mobility, conventional drivetrains, or autonomous driving—modern vehicles require high-performance, thermally stable, and durable components. With silicone solutions from ELMET, you can rely on proven quality and innovative strength.

Examples include mat seals, single-wire seals, 2K connectors, Automotive lighting, components for charging infrastructure, and much more.



DOSING TECHNOLOGY.
MOLDING TECHNOLOGY.
TURNKEY SOLUTIONS.
PRODUCTION SOLUTIONS.



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FOR MORE THAN 30 YEARS

we have been developing customized, innovative solutions for our customers. As a global high-end full system and service provider for the processing and dosing of liquid silicone (LSR), we at ELMET are among the leading specialists in this field.



SMART SILICONE SOLUTIONS

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