TITGEMEYER

Transport technology / Body components / Body fittings

When the going gets tough

Titgemeyer produces a wide variety of environmentally friendly integral foam parts made of polyurethane

You would like to protect the exterior of your vehicle or other components beyond vehicle construction that are exposed to high mechanical stress? Then take advantage of our integral foam parts made of polyurethane!

Made in Germany. Made in Lotte.

Due to the production in our own factory in Lotte, North Rhine-Westphalia, you benefit in several ways.

Robustness, smooth surfaces and a neutral odour ensure the highest product quality. Whether handles, ramming buffers, ramming strips or angle ramming profiles: We can respond to individual customer requests and thus offer you maximum flexibility.

You buy directly from the manufacturer!

Sustainability at a fair price

The integral foam does not contain CFCs or hydrocarbons and is recyclable. This protects the environment.

Benefits at a glance

Sustainability

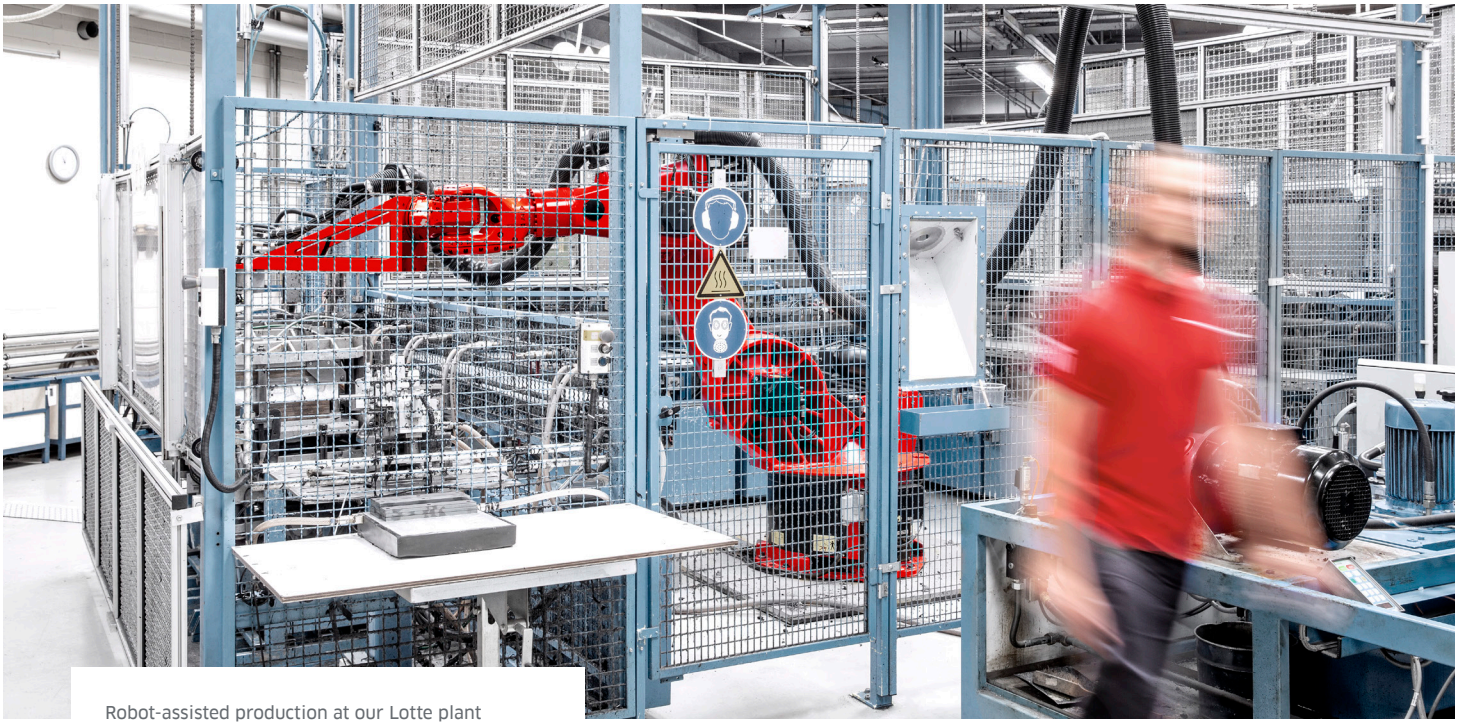
- No CFCs or hydrocarbons
- recyclable

Product features

- smooth surfaces
- odourless
- abrasion-resistant

Flexibility

- Cost-effective production of special parts possible
- Various metal inserts can be integrated



Robot-assisted production at our Lotte plant

Guidelines

Our products comply with the following guidelines:

- 2011/65/EU
- 76/769/EWG
- 2005/69/EG
- 2006/122/EG
- Specifications of the GASDL (Global Automotive Declarable Substance List)

Fire performance

The material does not contain any halogenic flame retardants and is free of toxicologically hazardous flame retardants in accordance with the RoHS specification (Directive 2011/65/EU).

Fire test classification

Fire test rating: FMVSS 302
Classification Burn rate: >100mm/min

Load limits

Parameter	Foam	Skin with foam	Test method
Volume weight	500 kg/m³ ± 50 kg/m³		DIN EN ISO 845
Tensile strength	2500 kPa ± 200 kPa	2300 kPa ± 200 kPa	DIN EN ISO 1798
Elongation at rupture	130 % ± 15 %	130 % ± 10 %	DIN EN ISO 1798
Tear propagation strength	6 N/mm ± 2 N/mm	8 N/mm ± 2 N/mm	DIN EN ISO 8067 - A
Hardness (Shore D)		23 ± 2	ISO 868
Hardness (Shore A)		70 ± 10	ISO 868

Temperature stability

Temperature	Duration
- 40 up to + 130°C	Continuous use
130 up to 150°C	max 5 days
150 up to 180°C	max 2 hours

Titgemeyer GmbH & Co. KG
Hannoversche Straße 97
49084 Osnabrück / DE

T +49 (0) 541 58 22-0
E info@titgemeyer.com
W titgemeyer.com