

Flex-Container

Stable • Tight • Extra long



Flex-Container - for unusual applications

Gmöhling has many years of experience in the development and design of individual special solutions. An especially high number of enquiries have recently concerned a container that offers a high level of impermeability and stability as well as unusual lengths. This knowledge has resulted in the high-quality product Flex-Container, which fulfils all these expectations. It was designed in such a way that it is made according to your requirements. It is even simple to realise lengths of up to 10 metres and over.

Application:

Thanks to a specially developed, patented, form-fitting connection made from highly stable aluminium profiles and sheets, the container demonstrates a high level of strength, even with large dimensions. It is very well suited as a transport and warehouse container for a wide range of areas and applications.

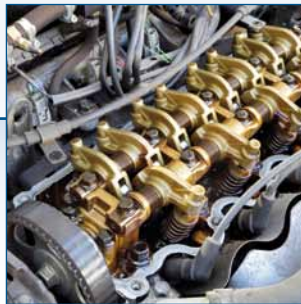
Here is an overview of application examples:



Aviation



Wind energy



Industry



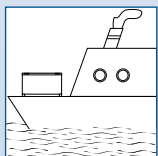
Armed forces

Advantages:

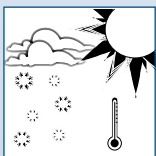
- Very good stability and rigidity in the container - oversized, bulky transport goods and highly sensitive goods are well-packaged by us
- Optimal use of space in the container thanks to angular construction
- Flexible in terms of features and applications - every container is adapted to suit your specific application purpose
- High level of impermeability against dust and splash water - which IP class do you require for your packaging?
- Very high level of security thanks to integrated hinges and fastenings that are protected against unauthorised access
- Insulation options available to protect temperature-sensitive goods
- The solid construction ensures a long-lasting, robust product - the product will pay for itself in a short space of time
- Space-saving storage thanks to the sophisticated stacking system - even for high storage spaces
- Easy handling for internal logistics - suitable for both all common pallet trucks and forklifts
- No dependence on standard dimensions or designs - any requirement can be implemented individually

Protection against external environmental influences

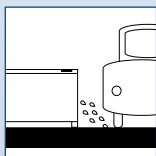
The Flex-Container protects your transport goods against many external environmental influences.



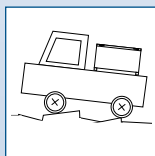
Salt water



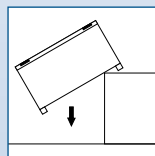
Temperature



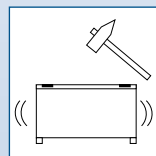
Splash water



Vibration



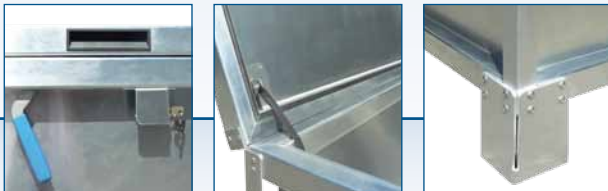
Drops



Shock

Technical specifications

- Transport container made from aluminium with lid hinged along the long side
- Minimum dimensions: 300 x 300 x 300 mm high
- Material strength: aluminium sheet 1.5mm; profile 40 x 50mm
- Profile and aluminium sheet are connected to each other in a patented plug-in arrangement
- Aluminium sheets (casing, bottom and lid) are embedded in a solid aluminium profile frame
- Interior without flanging radiuses
- Fastenings and hinges are within the profiles and are protected against external influences
- The seal is protected and integrated into the profile frame - defined contact pressure, even sealing
- Sealed interior
- Protected against dust and splash water (IP 64; protection class)
- Stackable using stacking feet
- Grip plates integrated into the lid profile



Areas of application:

- Metal industry
- Chemicals industry
- Plant construction
- Medical technology
- Logistics
- Armed forces
- Aviation
- Wind power and solar power systems

Options:

- Optimised ergonomics thanks to optional gas pressure absorber makes it easier to open and close the lid
- Adaptation to suit your internal logistics, e.g. with individual entries for the forklift truck or by attaching crane eyes
- Visual and technical upgrading using double panelling
- Individual internal features possible, e.g.:
 - Straps for your goods
 - Partition systems
 - Foam applications
- Additional handles possible
- Individual external design possible on the container (films, surface finishing, etc.)
- Insulation options available to protect temperature-sensitive goods
- Flexible construction with various sheet thicknesses for special goods

Special designs and special sizes

Our preferred material, aluminium, our flexible production options and our many years of experience in designing solutions that meet individual customer requests enable us to offer low prices, even for small batches.

The consulting and service team at GMÖHLING will be happy to help you choose the right containers for you and is on hand to respond to any requests or questions you may have at any time. Simply give us a call or write us an e-mail.

Examples of individual solutions:



Container with pierced foam section



Container for long goods,
can be stacked



Container with special internal fitting



We are certified!
Have confidence in our quality!

Certified for:
Design, development, manufacturing and
distribution of aluminium systems

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