

DRUM FOR ELECTROLYTES

Extremely corrosion-resistant
Certified pressure rate available
Industry-ready sizes available
Fully customizable with different NON-SPILL fittings
Eco-friendly
Ultra-safe and fully secured sealing system
In full compliance with UN (ADR), DOT, CE, and ASME



ELECTROLYTE CONTAINERS FOR ION-LITHIUM BATTERY MANUFACTURE

CONTAINERS SPECIFICALLY DEVELOPED TO MEET THE MOST STRINGENT
REQUIREMENTS OF THE BATTERY INDUSTRY

Electrolytes are one of the key components of an ion lithium battery, as they are responsible for transporting the lithium ions into the battery cells. They are used to manufacture batteries for electric vehicles, among other applications, including various consumer electronics.

Security and contamination control are major concerns in the storage, handling, and transport of this material. The electrolytes have to be of the highest purity; therefore the possibility for contamination has to be minimized and the containment solution has to guarantee safety.

This critical component must be stored in a reliable container – such as the THIELMANN Electrolytes Drums. THIELMANN drums are suitable for a wide range of electrolyte solutions throughout the supply chain, including electrolyte producers, lithium-ion battery manufacturers, lead-acid battery manufacturers, and electric vehicle battery producers, to name but a few industries.

No matter your stake in lithium-ion battery manufacture or use, THIELMANN provides the expertise and engineering knowledge you need.

PRODUCT APPLICATIONS

Electrolytes solutions for lithium-ion batteries and certain lead acid batteries.

PRODUCT DESCRIPTION

- Heavy-duty drums manufactured in thickness ranging from 1.5 up to 2.5 mm
- Available in AISI 304 and 316 L
- Equipped with tri-sure or TRI-CLAMPS
- A wide range of other fittings and closures is available
- In full compliance with UN, DOT, and ASME & CE
- Fully sealable tri-clamp closure system with seals available in VITON & PTFE. Other seals type available on request
- Manifold available to mount on tri-clamp lid - non-spill quick connectors from SWAGelok, STAUBLI, HY-LOK, or any other type available on request
- Drums are also available with a plastic liner to cater for highly corrosive electrolyte solutions



ADVANTAGES

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- Eco-friendly
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CERTIFICATIONS

- UN Hazardous Materials Permit as per UN1A1 for packaging categories I, II and III. UN 1A1 for packaging
- DOT (US Vibration tests)
- ASME Certification upon request, and based on product validation

VOLUME

- 8 - 250 Liters

CAPACITY (Liters)	DIAMETER Ø (mm)
33	395
50	395
66	395
75	395
100	395
150	550
200	550
250	550

* Other capacities/sizes available on request

TOP-QUALITY THIELMANN CONTAINERS MADE OF HIGH-GRADE STAINLESS STEEL FOR DEMANDING BRANDS

THIELMANN serves a large variety of customer industries around the world with the most complete range of stainless steel containers in the market.

We are aware your industry is extremely demanding and involves exhaustive controls and certifications. It is absolutely essential to obtain containers which ensure maximum quality and safety, and which keep the characteristics of the chemical products which they contain intact.

THIELMANN is an expert on the subject. Because we have the know-how and the highest quality product to ensure unbeatable standards of hygiene, protection, and assurance.

To find out more about how our containers can add value to your products by simplifying their storage and transport, contact us with no obligation.