



GENIUS GROUP

BATTERY & FIRE PROTECTION WITH PYROBUBBLES



Innovative Ideas for Fire Protection, Fire Prevention and Extinguishing



FLEX-Line

The foldable hazardous goods containers from GENIUS for storage and transport

UN tested
Certified
ADR 2024

Whether by sea, air, rail, or road: Our foldable plastic hazardous goods containers guarantee maximum safety when transporting dangerous goods. Thanks to variable sizes and designs, the system is ideally suited for demanding requirements, such as the transport of defective lithium-ion batteries, accumulators, and modules.

Beyond safety, the containers offer significant cost advantages: The reduced volume during transport and storage optimizes your logistics costs and simultaneously improves your carbon footprint.

Outward transport
52 full FLEX boxes
1200 x 1000 x 990 mm



**Up to 85%
volume reduction
in empties return and
storage!**

Return transport
382 empty FLEX boxes
1200 x 1000 x 990 mm



CONVINCING FEATURES

- Safety system for storage and transport in accordance with ADR LP903, LP904, LP905 or P903, P908, P909, P910 for damaged and defective lithium-ion batteries/modules and prototypes.
- E-bike batteries, power tools, laptop and mobile batteries, automobile batteries, etc.
- Recess for barcode stickers and attachment of document registers.
- Installation of a GPS chip in the pallet base is optional.
- Standard sizes, foldable and lightweight.
- Tested boxes with UN approvals and sliding element with dangerous goods symbol.
- Permanent reuse of the system (no replacement necessary after 5 years)
- Extremely easy to handle with flexible fastening system for the load.
- Enormous cost savings in logistics through volume reduction.



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FLEX-Line

FLEX-Line folding systems are foldable large load carriers made of plastic that meet all the requirements of modern and environmentally friendly transport and storage logistics. Thanks to a special construction consisting of a twin sheet pallet, folding ring and twin sheet lid, they are light yet extremely stable. They are ergonomic, have a very long service life and can be fully recycled at the end of their use. The large load carriers can be folded up to save space for storage and transport of empty containers.

Item number	Product	External dimensions mm (LxWxH)*	Internal dimensions mm (LxWxH) *	Internal volume (l) *	Empty weight (mass in kg)*	Max. total weight (gross- mass in kg)
22 - Foldable plastic transport containers - FLEX-Line - VG2						
2219	FLEX-Box 240 Basic	1140 x 595 x 635	1060 x 515 x 443	240	38	438
2220	FLEX-Box 240 Advanced	1140 x 595 x 635	1020 x 475 x 403	195	38 (46 with mat)	438
2221	FLEX-Box 240 Premium, incl. PyroBubbles®	1140 x 595 x 635	1020 x 475 x 403	195	38 (46 with mat)	438
2222	FLEX-Box 625 Basic	1200 x 800 x 923	1134 x 734 x 752	625	55	656
2223	FLEX-Box 625 Advanced	1200 x 800 x 923	1094 x 694 x 712	540	55 (71 with mat)	656
2224	FLEX-Box 625 Premium, incl. PyroBubbles®	1200 x 800 x 923	1094 x 694 x 712	540	55 (71 with mat)	656
2225	FLEX-Box 790 Basic	1200 x 1000 x 1000	1092 x 892 x 812	790	52	850
2226	FLEX-Box 790 Advanced	1200 x 1000 x 1000	1052 x 852 x 772	690	52 (68 with mat)	850
2227	FLEX-Box 790 Premium, incl. PyroBubbles®	1200 x 1000 x 1000	1052 x 852 x 772	690	52 (68 with mat)	850
2228	FLEX-Box 975 Basic	2250 x 1140 x 635	2140 x 1030 x 443	975	81	835
2229	FLEX-Box 975 Advanced	2250 x 1140 x 635	2100 x 990 x 403	840	81 (102 with mat)	835
2230	FLEX-Box 975 Premium, incl. PyroBubbles®	2250 x 1140 x 635	2100 x 990 x 403	840	81 (102 with mat)	835
2231	FLEX-Box 1580 Basic	1700 x 1140 x 1157	1590 x 1030 x 965	1580	86	800
2232	FLEX-Box 1580 Advanced	1700 x 1140 x 1157	1550 x 990 x 925	1420	86 (112 with mat)	800
2233	FLEX-Box 1580 Premium, incl. PyroBubbles®	1700 x 1140 x 1157	1550 x 990 x 925	1420	86 (112 with mat)	800
2234	FLEX-Box 2900 Basic	2800 x 1800 x 827	2700 x 1700 x 630	2900	300	1500
2235	FLEX-Box 2900 Advanced	2800 x 1800 x 827	2660 x 1660 x 590	2605	300 (340 with mat)	1500
2236	FLEX-Box 2900 Premium, incl. PyroBubbles®	2800 x 1800 x 827	2660 x 1660 x 590	2605	300 (340 with mat)	1500

*approx. value

To ensure that we find the right packaging and solution for your hazardous goods, we offer the FLEX-Line in three different equipment variants (Basic, Advanced, Premium) and in different sizes.

Basic: For dangerous goods according to ADR P903 / LP903.

Advanced: For higher protection including E-glass fiber lining, according to ADR P903, P908, P909, P910, LP903, LP904, LP905.

Premium: For highest protection including E-glass fiber lining & PyroBubbles®-cushions (dust-free), according to ADR P903, P908, P909, P910, LP903, LP904, LP905.