

Packaging for Dangerous Goods – Tested Safety

For packaging and transporting dangerous goods that are subject to the German Dangerous Goods Regulations and other regulations.

GMÖHLING's packaging for dangerous goods has been approved as outer packaging by Germany's Federal Institute for Materials Research and Testing (BAM) in Berlin (with bags made of plastic as inner packaging):

- for solid items in packaging group II: medium risk; label Y and
- for solid items in packaging group III: low risk; label Z

Guidelines we comply with:

- The European Agreement on the International Carriage of Dangerous Goods by Road (**ADR**)
- The Regulations governing the International Carriage of Dangerous Goods by Rail (**RID**)
- The International Maritime Dangerous Goods Code (**IMDG Code**)
- The United Nations' Recommendations on the Transport of Dangerous Goods
- The ICAO's Technical Instructions, which are also laid down in the IATA's Dangerous Goods Regulations (**IATA-DGR**).



<h2>ZULASSUNGSSCHEIN</h2> <p>CERTIFICATE OF APPROVAL</p> <p>Nr. D/BAM 12605/4B</p> <p>für die Bauart einer Verpackung zur Beförderung gefährlicher Güter <i>for the design type of a packaging for the transport of dangerous goods</i></p> <p>Aktenzeichen / Reference no. III.12/201868</p> <p>12200 Berlin, 12. Mai 2010</p> <p>Fachgruppe III.1 Gefahrgutverpackungen Im Auftrag / For</p> <p>Arbeitsgruppe Zulassung und Verwendung Im Auftrag / For</p> <p>Dipl.- Ing. B.-U. Wlonecke</p> <p>Dipl. - Ing. (FH) A. Staacks-Fohl</p>		 <p>BAM Bundesanstalt für Materialforschung und -prüfung</p> <p>Unter den Eichen 87 12205 Berlin Telefon: 030 8104-0 Telefax: 030 8112029 E-Mail: info@bam.de Internet: www.bam.de</p> <p>Vom Bundesministerium für Verkehr, Bau und Stadtentwicklung nach § 6 Abs. 5 der Gefahrgutverordnung See in Verbindung mit Kapitel 7.9 des IMDG-Codes bestimmte zuständige Behörde Deutschlands</p>
  		

GMÖHLING offers you

- Outer packaging in eight standard sizes,
- Range of approved customizable sizes, to suit your individual requirements.
- Individual integral packaging solutions made to your specifications.

Please don't hesitate to contact us.

Packaging for Dangerous Goods – Tested Safety

Product properties:

- Made of the light alloy AlMg3, which is extremely strong and corrosion resistant
- Material thickness: walls, floor and lid: 1.0mm
- Walls reinforced with trapezoidal seams running all the way round; for greater surface rigidity in containers with volumes of more than 73 litres
- Stackable – hinged lid with a light metal ridge running all the way round to provide extra strength and enable stack centring
- Top and bottom of the containers reinforced with light metal ridges running all the way round.
- Lid with an interior cellular rubber seal running all the way round to protect the contents from dust and water spray
- Lid equipped with textile retaining straps
- Ergonomic spring-drop, plastic coated handles to make the container easier to carry
- Hinged fasteners made of galvanised steel with spring safety catches
- Hinged fasteners – lead seals and/or padlocks / bar locks with a maximum bar thickness of 6.5mm can also be added.



Hinged fastener with spring safety catch



Cellular rubber seal; textile retaining straps



Raised trapezoidal seams



Spring-drop, plastic coated handle



4/B/Y150/S/12/D/BAM/ 12605-GTG

Example of a label for an approved model that complies with UN 4B

Available sizes for model A 1589 with UN 4B dangerous goods approval

Approx. volume in litres	Dimensions ins. approx. in mm (L x W x H)	Dimensions outs. approx. in mm (L x W x H)	Weight in kg Approx.	Maximum permitted total weight in kg	Order number
29	553 x 353 x 150	588 x 388 x 178	4,2	40,0	2 10 1589 10
42	553 x 353 x 220	588 x 388 x 248	4,7	44,0	2 10 1589 11
60	553 x 353 x 310	588 x 388 x 338	5,1	51,0	2 10 1589 12
73	553 x 353 x 379	588 x 388 x 407	5,5	56,0	2 10 1589 13
115	553 x 553 x 382	588 x 588 x 410	6,9	71,0	2 10 1589 14
156	753 x 553 x 382	788 x 588 x 410	9,1	86,0	2 10 1589 15
239	753 x 553 x 582	788 x 588 x 610	10,2	88,0	2 10 1589 17
327	1153 x 753 x 382	1188 x 788 x 410	15,0	150,0	2 10 1589 19