

## Packaging for the transport of dangerous goods - certificated safety



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



**4B/X88/S/15/D**  
**BAM 14811-GTG**

**NEW: Certification - X**



A 1589/239 4B X



A 1589/73 4B Y

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

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

### ACCORDING TO INTERNATIONAL REGULATIONS

- The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- The Regulations concerning 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)

### GMÖHLING OFFERS YOU

- Outer cases in various sizes
- Range of approved customised sizes to suit your individual requirements
- Individual packaging solutions-made to your specifications

**Do not hesitate to contact us!**



Certification: DIN EN ISO 9001:2008  
Registered-number: 31210733/1

## Packaging for the transport of dangerous goods - surely in good hands



Transport boxes ADR



Hinged fastener with spring safety catch

Cellular rubber seal; textile retaining straps

### PACKAGING WITH UN ACCREDITATION...

...allows a safe transport and a packaging according to regulations

The packaging, storage and transport of hazardous materials are subject to stringent safety requirements.

In order to meet these criteria as well as the specific safety requirements that apply in this sector, Gmöhling has extended its product range and developed a packaging for hazardous goods.

The GMÖHLING hazardous goods packaging (ADR) has been licensed by the Federal Institute for Materials Research and Testing (BAM) in Berlin as external packaging for solid substances in the packaging categories I, II and III (see page 1 for more information), which are appropriate for both the storage and the transport of these materials.

Naturally, our hazardous goods packaging also complies with the required guidelines (ADR, RID, IMDG code, IATA-DGR).

### STRUCTURE OF THE UN APPROVAL NUMBER

UN symbol	4 = art of packaging B = used material (aluminium)	Suitable for packaging group I, II, III	Maximum weight in kg	For solid items or inner packages	Year of manufacture for example 2015	Country code
<b>UN</b>	<b>4B</b>	<b>X</b>	<b>88</b>	<b>S</b>	<b>15</b>	<b>D</b>

**BAM 14811-GTG**

Identification of the hazardous goods packaging manufacturer through a unique license number



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## Packaging for the transport of dangerous goods - surely in good hands



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### Hazardous goods packaging - Model X

Model number	Inside dimensions approx. in mm (LxWxH)	Outside dimensions approx. in mm (LxWxH)	Approx. volume in litres	Approx. weight in kg	Maximum permitted total weight in kg	Order number
A 1589 / 29 4B X	553 x 353 x 150	588 x 388 x 180	29	4,2	40,0	2 10 1589 09
A 1589 / 73 4B X	553 x 353 x 380	588 x 388 x 410	73	5,5	56,0	2 10 1589 16
A 1589 / 239 4B X	753 x 553 x 580	788 x 588 x 610	239	10,2	88,0	2 10 1589 08
A 1589 / 327 4B X	1153 x 753 x 380	1188 x 788 x 410	327	15,0	150,0	2 10 1589 18



**4B/Y56/S/15/D**  
**BAM 12605-GTG**



### Hazardous goods packaging - Model Y

Model number	Inside dimensions approx. in mm (LxWxH)	Outside dimensions approx. in mm (LxWxH)	Approx. volume in litres	Approx. weight in kg	Maximum permitted total weight in kg	Order number
A 1589 / 29 4B Y	553 x 353 x 150	588 x 388 x 180	29	4,2	40,0	2 10 1589 10
A 1589 / 42 4B Y	553 x 353 x 220	588 x 388 x 250	42	4,7	44,0	2 10 1589 11
A 1589 / 60 4B Y	553 x 353 x 310	588 x 388 x 340	60	5,1	51,0	2 10 1589 12
A 1589 / 73 4B Y	553 x 353 x 380	588 x 388 x 410	73	5,5	56,0	2 10 1589 13
A 1589 / 115 4B Y	553 x 553 x 382	588 x 588 x 410	115	6,9	71,0	2 10 1589 14
A 1589 / 156 4B Y	753 x 553 x 380	788 x 588 x 410	156	9,1	86,0	2 10 1589 15
A 1589 / 239 4B Y	753 x 553 x 580	788 x 588 x 610	239	10,2	88,0	2 10 1589 17
A 1589 / 327 4B Y	1153 x 753 x 380	1188 x 788 x 410	327	15,0	150,0	2 10 1589 19