

Important changes to the Primary Range of UN Packaging

Optimisation of packing weights

The range of UN approved boxes that we have been supplying for many years have recently gone through a test program to make them more versatile. Many of the boxes that we stock are now capable of taking higher weights than before in 4G packing groups (X, Y & Z) as well as the 4GV packing weight.

Here is an example of one of the boxes that have been amended. This was the '40/30' case which will now be called the '40/35'. In this example most of the test weights of the licenses have been increased by 5Kg.



4GV – weight was X18 – Now it is X23
 4G – PG I weight was X30 – Now it is X35
 4G – PG II weight remains at Y40
 4G – PG III weight was Z45 – Now it is Z50

A full list of the amended weights can be found in the table below:

Changed specification:

Product Code	Ref (Old)	Ref (New)	4GV (Old)	4GV (New)	PGI (Old)	PGI (New)	PGII (Old)	PGII (New)	PGIII (Old)	PGIII (New)
GHAZ01	6/5	6/6	3	3	5	6	8	8	8	9
GHAZ010	7/5	7/5	3	3	5	5	7	7	7	7
GHAZ02	9/8.8	9/8.8	4	4	8	8	8	8	8	8
GHAZ03	16/12	16/15	6	9	12	15	20	22	30	33
GHAZ04	23/17	23/17	8	13	17	17	25	25	35	35
GHAZ05	28/21	28/22	9	14	21	22	30	35	40	40
GHAZ06	40/30	40/35	18	23	30	35	40	40	45	50
GHAZ07	65/43	65/50	24	40	43	50	60	65	70	75
GHAZ08	90/60	90/70	41	55	60	70	75	75	85	90
GHAZ09	241/106	241/120	77	112	106	120	150	150	200	200

Sustainability

In the future, the primary range of dangerous goods boxes will all be made from FSC certified corrugated board, which will be confirmed on the packaging in the form of a FSC marking.



QR-Code

Each box will now be printed with its own QR-Code on an inner top flap which, when accessed, will lead directly to the UN registration certificate. This will be available in both German and English.

Größe (Nr.)	Innenmaße mm	Inhalt dm ³	max. Brutto (*) bei Verpackungsgruppe			4 GV I (X) Kg
			I (X) Kg	II (Y) Kg	III (Z) Kg	
6/6	175 / 155 / 213	6	6	8	9	3
16/15	275 / 195 / 300	16	15	22	33	9
23/17	325 / 245 / 300	23	17	25	35	13
28/22	360 / 260 / 300	28	22	35	40	14
40/35	430 / 310 / 300	40	35	40	50	23
65/50	390 / 390 / 430	65	50	65	75	40
90/70	570 / 370 / 430	90	70	75	90	55
241/120	770 / 570 / 550	241	120	150	200	112
720/250	1170 / 770 / 800	720	250	250	250	242

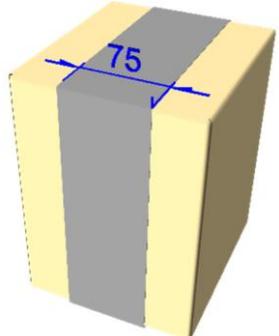
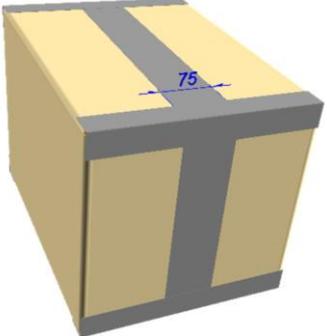
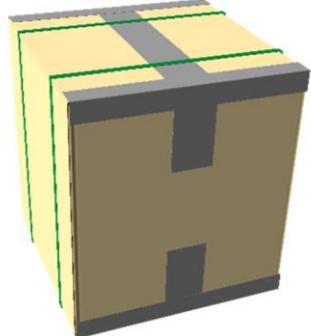
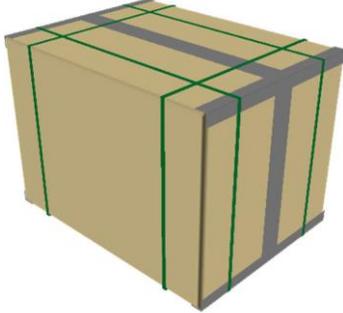
40/35
Zulassungsschein
NEU
QR-Code

Implementation

We will gradually be reducing our existing stocks, and the new versions will start to be produced when required. The existing range of boxes can still be used without any issues but there may be instances when a mixture of new and old boxes may be supplied.

Box Closures

The box closures for all of the primary range remain the same apart from the 28/22 which now uses a slot closure rather than an 'H' closure. Details of the sealing instructions can be found below:

Product Code	Box Ref	Sealing Instructions	Diagram
GHAZ01 GHAZ010 GHAZ02 GHAZ03 GHAZ04 GHAZ05	6/6 7/5 9/8.8 16/15 23/17 28/22	Slot Closure using 75mm wide reinforced plastic adhesive tape.	
GHAZ06	40/35	'H' closure using 75mm wide reinforced plastic adhesive tape.	
GHAZ07 GHAZ08	65/50 90/70	'H' closure using 75mm wide reinforced plastic adhesive tape plus 2 band of plastic strapping – PET-1238 or equivalent.	
GHAZ09	241/120	'H' closure using 75mm wide reinforced plastic adhesive tape plus 4 band of plastic strapping – PET-1238 or equivalent.	



FAQ's

- **Will there be new UN certificates?**

Yes, new UN certificates are available for all boxes except for the GHAZ01 (7/5) and GHAZ02 (9/8.8) which remain unchanged.

- **Are there still separate 4G and 4GV certificates for each box?**

No, the new licenses incorporate both the 4G and 4GV markings. The GHAZ01 (7/5) and GHAZ02 (9/8.8) will still have a separate 4G and 4GV license for the foreseeable future.

- **Where can I obtain copies of the new UN licenses?**

As mentioned above you will be able to download the UN license via the QR code printed on the box. We will of course also keep copies on file so if you require a copy urgently then please contact us.

- **When will the new boxes become available?**

We will be stocking the new boxes once existing stocks have been depleted. The amount of time that each box is replenished varies from size to size so please ask the sales team when placing your order and they will be able to advise what you will be receiving.

- **Will any tested inners be transferred from the old to the new license?**

All previous combination pack tests completed on the old range of boxes will automatically transfer to the new licence. There is therefore no need to complete additional testing so long as the original packing methods and packaging components are used. The issuer of the UN certificated (ÖIV) have been informed about this and have no objections.

- **Will pallet quantities remain the same?**

Yes, all pallet quantities will remain the same as before. They are optimised to a height of 1.2m to ensure they can be stacked two high in an articulated lorry.

- **Will the uncoated range of boxes be affected by this change?**

No, the uncoated range will remain the same.