

SHIPPING REQUIREMENTS FOR MATRASSES

Mattresses are usually rolled up, wrapped in plastic and packed in a cardboard box for shipping. If they are poorly secured or packaged, serious consequences can arise during shipping such as damage to our equipment or to other shipments. There is also potential for injury to employees that could ultimately incur high sums of damage.

Two issues can often lead to difficulties:

1) Tightly rolled mattresses that are only secured with plastic wrap

- ✗ Rolled-up mattresses store a lot of energy, which can be released suddenly if the plastic wrap is damaged.
- ✗ If this occurs, the mattress expands to many times its packed size.

2) The rolling around of shipments

- ✗ Boxes packed with mattresses are often conspicuous due to their bulbous shape.
- ✗ If a rolled-up mattress is significantly smaller than its cardboard box, it can easily roll around inside its packaging. If the mattress then hits the outer wall of the cardboard box, the shipment can tilt and roll over.
- ✗ The outer packaging of mattresses is generally quite long with a smaller square base. As soon as the shipment starts to roll, the corners and edges become flattened, which makes the shipment even more likely to roll around.

The following shipping requirements should be observed to prevent damage:

1) Securing rolled-up mattresses

- ✓ At least two straps or sturdy, fabric-reinforced adhesive tape should be used to prevent the mattresses from unrolling in the event of damage to the plastic wrapping, and to stop the wrapping from expanding.
- ✓ Once strapping is secure, mattresses should only be packed in suitable cardboard boxes with no void space. Please see 2).

2) Filling the cardboard boxes

- ✓ Any void space should be filled to ensure mattresses cannot move around inside their cardboard boxes.
- ✓ The void fill used must be suitable for the heavy weight of the contents: It must be sufficiently robust that it will not become ineffective as soon as impact is sustained, e.g., bubble wrap*, packaging peanuts** or shredded corrugated cardboard***



3) Outer packaging

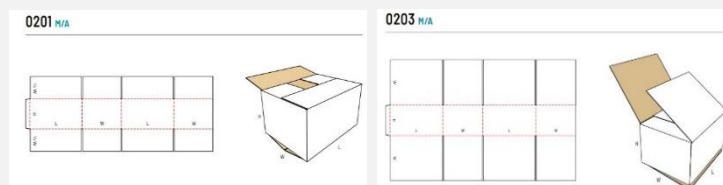
- ✓ The quality of the corrugated cardboard must be selected according to the weight of the shipment:

WELPPAPPENSORTE gem. DIN 55468-1	MAX. BRUTTOMASSE Sendungsgewicht	VARIANTEN
1.10	0 – 3 Kg	Einwellige Wellpappe
1.20	3 – 6 Kg	
1.30	6 – 12 Kg	
1.40 / 2.20	12 – 17 Kg	Zweiwellige Wellpappe
1.50 / 2.30	17 – 22 Kg	
2.40 o. höher	22 – 31,5 Kg	

- ✓ **Crash lock boxes** should not be used; if this cannot be avoided, secure with several strips of adhesive tape at the very least.

- ✓ Lids with short tuck-in flaps do not provide enough stability for heavy items. Therefore secure with several strips of adhesive tape.

- ✓ Standard FEFCO 0201 or FEFCO 0203 boxes are more suitable.



Please note that any damage to DHL property (e.g., sorting facilities) or third party shipments incurred by violation of these requirements will result in claims for damages by DHL. In such cases, your own claims for damages resulting from the damage or destruction of the mattress itself are of course excluded; see Sections 411 sentence 1, 414 (1) no. 1, 427 (1) no. 2 of the German Commercial Code (HGB).