

Specifications for Big Bags to be emptied in B-EA (last updated: 07.02.2013)

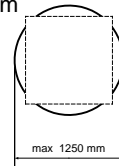
1. General Information

- 1.1. For wastes not classified as hazardous substances according to ADR (Ordinance on the Transport of Dangerous Goods by Road) it is not necessary to use type-tested Big Bags.
- 1.2. For wastes classified as hazardous substances according to ADR (Ordinance on the Transport of Dangerous Goods by Road) it is necessary to use type-tested Big Bags. Size and design of the Big Bag are determined by the assigned classification and ID-number. Furthermore, packing of the wastes in Big Bags must be permissible, based on the respective UN-number.

2. Interior body dimensions, min: 800 x 800 x 1000 mm Interior body dimensions, max: 1050 x 1050 x 1500 mm

Exterior body dimensions, min: 850 x 850 x 1040 mm Exterior body dimensions, max: 1100 x 1100 x 1540 mm

Within the scope of the dimensions listed above, use of Big Bags with rectangular base cross sections is permissible. Maximum width of the **full** Big Bags **may not exceed 1,250 mm**. Maximum lateral height including loops: 1,790 mm.



3. Volume: depending on interior dimensions, 640 – 1,654 dm³ Filling weight: min. 400 kg to **1.400 kg**

4. Filling neck: to waste producer's specifications Outlet valve: **none**

5. Safety factor: for type-tested Big Bags 6: 1; otherwise 5: 1

6. Inner liner: **mainly** Big Bags **without** inner liner are to be used.

In exceptional cases only, in consultation with UTV-HA, it is possible to use **tear-proof** inner liners, **permanently fixed** to the Big Bag body, for certain types of waste. Inner liners must either be fully bonded with the Big Bag body, or must be folded over, in several layers, and sewn to the filling neck and cover seams. Fastening of the inner liners to the Big Bag body must be done securely and in such a way as to prevent the inner liners from ripping when emptying Big Bag in the B-EA – **WARNING: inner liners and adhesives** used must be able to withstand filling material temperature. PE-liners are therefore only partly suited; if appropriate MDPE liners need to be used (suitable for temperatures of up to 100°C). Upon delivery, core temperature of the waste may not exceed 50°C.

7. Body weave type: tightly sewn PP – flat weave (approx. 200 g/m²) with single-sided coating to be applied on Big Bag interior only. Sealed seams: all Big Bag body seams and Big Bag cover seams need to be sealed by a sealing cord in order to dust proof all seams.

8. Cover weave type: same weave type as body

9. Carrying loops: 4 loops with 250 mm open length each, at apron seam level, sewn **on top of each other** at corners (i.e. loop ends are **not** to be positioned diagonally across the corner); loops need to be fashioned of exceptionally soft material (multifilament is ideal).

Note: Despite its almost cloth-like softness and flexibility, multifilament provides strength when used in textiles. It makes them resistant to abrasion, cuts, standard chemicals used in the automobile and shipping industries, UV damage and vibration. Textiles made from multifilament do not rot and do not retain moisture.

10. Base: **closed, flat**

11. Printing: **for dangerous goods (ADR):** works-internal code designation, UN-No., Big Bag coding

For non-dangerous goods (ADR): works-internal code-designation

Print design: black, on two opposite sides, 100 mm high

12. Dimensional stability: in type-tested Big Bags achieved by: interior bag or ticking with 4 diagonal reinforcements at corners; interior bag resp. ticking need to be sewn to the Big Bag upper level all the way round; these parts must **not** be sewn to the base.

For Big Bags that are not type-tested, 4 diagonal reinforcements sewn into the Big Bag body are considered sufficient. In this case, however, seam sealing is mandatory.

For both Big Bag types, there must be **no diagonal elements** of the interior bag or ticking located within **15 cm** measured from the base of the Big Bag upwards.

13. Miscellaneous: to waste producer's specifications: antistatic version, document pouch, heat resistance, UV-stabilisation, filling neck weave type, closing device

Deviations from the above-listed specifications may be possible in individual cases, but must be agreed with UTV-Hattorf.