

MODEL P 100 TYPE B(U) PACKAGING

USE

Model P 100 type B(U) transport packaging is intended exclusively for the transport of special form radioactive material by means of a special shielding container. The radioactive contents of the package must not exceed the maximum activity of 100 TBq of ¹³⁷Cs.

The dose rate equivalent on the external surface of the package must not exceed 0.5 mSv/hr, complying with the requirements for the I I – YELLOW transport category.

TECHNICAL DATA

Packaging Type B(U) for special form radioactive

substances

Radiation sources to be transported: 137Cs as a sealed radioactive source

Maximum radioactivity contained: 100 TBq

Maximum internal size of the channel $175 \text{ mm} \times 47 \text{ mm}$ diam.

Shielding/recharging container

Shielding material thickness: uranium: 64 mm

tungsten: 95 mm steel: 14 mm

Size (lifting eyes not included): $208 \text{ mm} \times 226 \text{ mm} \times 435 \text{ mm}$

Maximum weight (load included): 216 kg

Transport cylinder

Steel shielding thickness 15 mm

Size (handling pallet not included): 595 mm \times 450 mm diam.

Weight: 131 kg

Pallet

Maximum size: $520 \text{ mm} \times 680 \text{ mm} \times 135 \text{ mm}$

Maximum weight: 23 kg

Complete packaging

Maximum size: $520 \text{ mm} \times 680 \text{ mm} \times 730 \text{ mm}$

Maximum total weight: 370 kg

code 121Av01m00 1



P 100 shielding container Weight: 216 kg



code 121Av01m00 2



P 100 packaging

Weight: 370 kg



code 121Av01m00 3