

MODEL KU 50 TYPE B(U) PACKAGING

USE

Model KU 50 Type B(U) packaging is designed for the transport of special form radioactive substances and of radioactive substances other than special form, viz. individually:

Radionuclide	Maximum activity [TBq]	Radionuclide	Maximum activity [TBq]
⁶⁰ Co	0.125	¹³⁷ Cs + 4% ¹³⁴ Cs	70
¹³⁷ Cs	900	¹⁹² Ir	215
⁹⁰ Sr	2900	⁷⁵ Se	4300
²²⁶ Ra	0.0687	²⁴¹ Am	no limitation

or radioactive substances not included in the table above at activities up to A₁, A₂ in Table 1 of Annex 3 to Regulation No. 317/2002 or in Table I of Pt. IV, Safety Standards No TS-R-1 (ST 1, revised), Regulations for Safe Transport of Radioactive Material (1996 Edition, IAEA).

The dose equivalent rate on the external surface of the package must not exceed 2 mSv/hr.

TECHNICAL DATA

Packaging design:	Type B(U), for radioactive substances other than special form and for special form radioactive substances
Number of channels:	1
Channel size:	135 mm long, 41 mm diameter
Usable space of the channel casing:	length: 120 mm, diameter: 24 mm
Uranium shielding thickness:	approx. 66 mm
Steel shielding thickness:	approx. 21 mm
Weight of the container unit:	162 kg
Outer size of the complete package:	height: 420 mm, diameter: 330 mm
Weight of the complete package (radioactive substance included):	180 kg

KU 50 shielding container

Weight: 162 kg



Complete KU 50 packaging
Weight: 180 kg

