

MODEL UK 50 S TYPE B(U) PACKAGING for the transport of radioactive substances

USE

The UK 50 S Type B (U) packaging is designed for the transport of the following radionuclides, which must be present as special form radioactive substances:

Radionuclide	Maximum activity [TBq]	Radionuclide	Maximum activity [TBq]
¹⁹² Ir	215	⁷⁵ Se	3300
⁶⁰ Co	0,125	⁹⁰ Sr	2000
¹³⁷ Cs	900	¹³⁷ Cs+ 4% ¹³⁴ Cs	70
²²⁶ Ra	0,0687	²⁴¹ Am	no limitations

In addition, radioactive substances not included in the table above can be transported at activities not exceeding the A₁ value as specified by Regulation No. 317/2002, Annex 3, Table 1, or by Safety Standards No TS-R-1 (ST 1, revised), Regulations for Safe Transport of Radioactive Material (1996 Edition, IAEA), Pt. IV, Table I.

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

TECHNICAL DATA

Packaging type:	Type B(U) package for special form radioactive substances
Number of channels:	1
Channel size:	135 mm length, 41 mm i.d.
Usable space in the protective casing:	120 mm length, 24 mm i.d.
Uranium shielding thickness:	66 mm
Steel shielding thickness:	9 mm
Weight of the container (contents included):	165 kg
Maximum packaging size:	415 mm height, 325 mm diam.
Maximum weight of the complete package:	185 kg

UK 50 S shielding container

Weight: 165 kg



Complete UK 50 S packaging
Weight: 185 kg

