

MODEL PO-01/95 TYPE B(U) PACKAGING

USE

Model PO-01/95, type B(U) packaging is intended solely for the transport of one unit of special form radioactive material, which is accommodated in a special shielding casing. The radioactive contents in the package must not exceed the following maximum inserted activity:

925 TBq of ^{60}Co

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

TECHNICAL DATA

Packaging	Type B(U) for special form radioactive substances
Material to be transported:	^{60}Co as a sealed radioactive source (SRS)
Number of SRSs to be transported:	1
Maximum activity to be inserted:	925 TBq
Largest external size of the SRS	Length 37 mm, 23 mm in diam.
Largest external size of the SRS casing:	Length 53 mm long , 31.9 mm in diam.
Shielding container – irradiator head	
Shielding material thickness: uranium:	150 mm
lead:	25 mm to 100 mm
steel:	16 mm
Size (width × height × length):	480 mm × 600 mm × 900 mm
Max. weight of the shielding container alone:	1850 kg
Transport box	
Size (width × length × height):	900 mm x 1280 mm x 1150 mm
Maximum weight of the transport box alone:	800 kg
Total packaging weight:	2650 kg

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Weight: 2650 kg

