

# MODEL UK 20 TYPE B(U) PACKAGING for the transport of radioactive substances

## USE

The type B(U) UK 20 packaging container is designed for the transport and storage of special forms and other than special forms of radioactive substances, including liquids, individually:

Radionuclide	<sup>99</sup> Mo	<sup>192</sup> Ir	<sup>131</sup> I	<sup>60</sup> Co	<sup>137</sup> Cs	<sup>227</sup> Ac
Max. Activity [TBq]	55.5	148	9.25	0.06	70	20

The packaging container can also be used to transport radioactive substances not specified above up to a value of  $A_1, A_2$  as per Table 1, Appendix 3 of Directive No. 317/2002 Coll., or as per Table I, Part IV, Safety Standards No. TS-R-1, Regulations for Safe Transport of Radioactive Material 2005 Edition, IAEA.

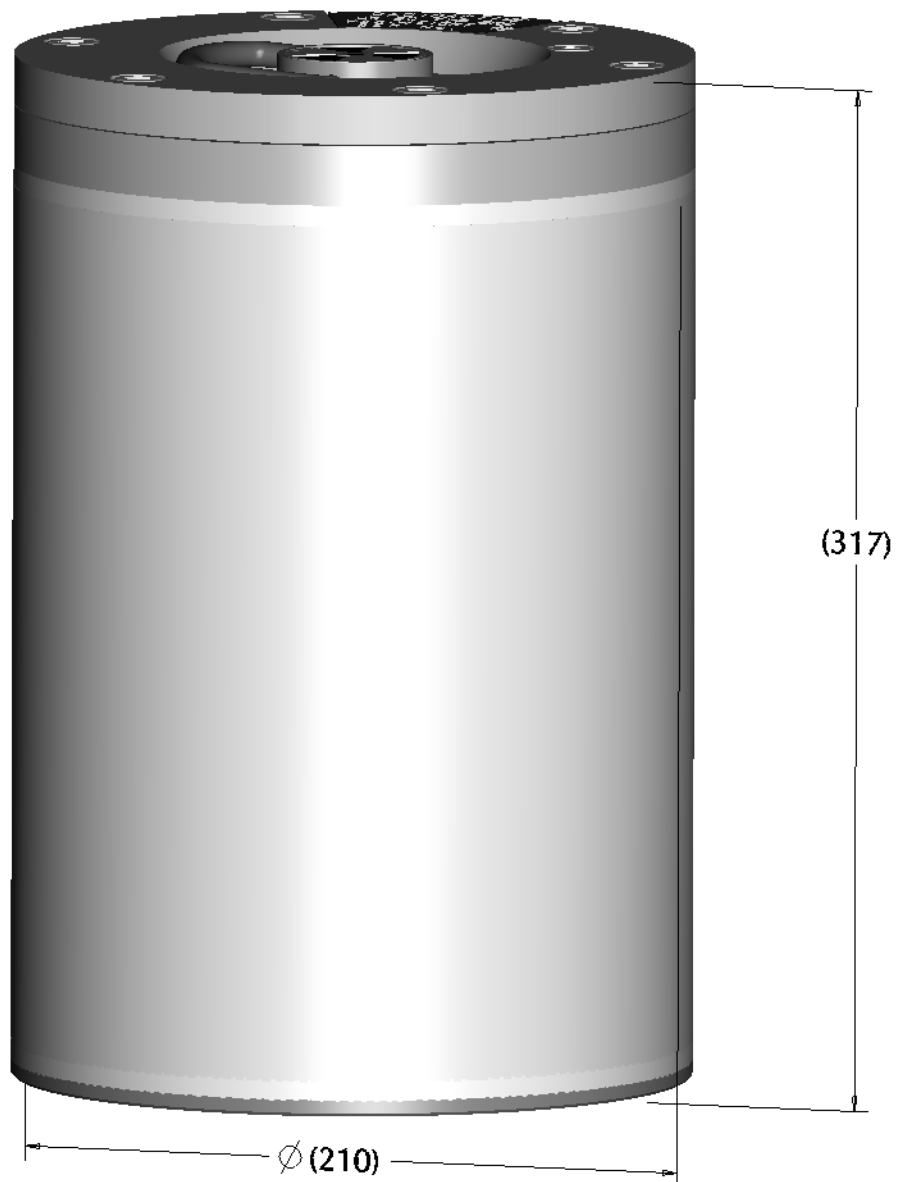
Usage of the container is conditional upon adhering to the dose equivalent input on the outer surface of the packaging container, which must not exceed 2 mSv/hour and at a distance of 1 m from the surface max. 0.1 mSv/h.

## TECHNICAL DATA

Packaging type:	Type B(U) package for special form radioactive substances
Number of channels:	1
Channel size:	125 mm length, 56 mm i.d.
Min. shield thickness: - in axial direction - in radial direction	70 mm W + 8mm Fe 70 mm W + 7mm Fe
Shielding material:	Tungsten pseudo-alloy
<b>External size and weight:</b>	
Shielding container:	317 mm height, 210 mm diam., 158 kg
Complete package:	450 mm height, 245 mm diam., 198 kg

## UK 20 shielding container

Weight: 158 kg



**Complete UK 20 packaging**  
Weight: 198 kg

