SAFPAK® 2767G

Package Type
Designed as a reusable Type A Package to the IAEA SSR-6 2018 Regulations for the Safe Transport of Radioactive Material.

Certification
Certified as a Type A Package for the carriage of radionuclides in liquid form: syringes with absorber or sealed vials in lead shielded pots where required. Also permitted are powders, liquids and sludges within the Type A activity limits and subject to other contents restrictions (such as dose limits and weight).

Other forms of radioactive material and/or primary packaging can be carried subject to safety review by Croft.

Description
The SAFPAK® 2767G is a reusable packaging design manufactured from stainless steel to give a long service life. The SAFPAK® 2767G consists of an Outer Container (Design No 2767) which carries a resealable Containment Vessel (CV), Design No 2797, within shock absorbing cork packing.

The SAFPAK® 2767 Outer Container is a pressed stainless steel body and lid with a bayonet action closure. The 2797 CV is a resealable stainless steel containment vessel with a robust screw retaining ring closure. The radioactive contents are held within in primary containers within the cavity.

Containment
The 2797 CV provides shielding (13 mm stainless steel thickness) and the containment system for the package. The closure of the 2797 CV is a double O-ring seal design which facilitates leak testing to ensure that the seals achieve the prescribed levels of leak tightness. Additionally, an internal lead pot can be used; the current design has a minimum thickness of 17 mm however alternative designs can be used (subject to review by Croft).

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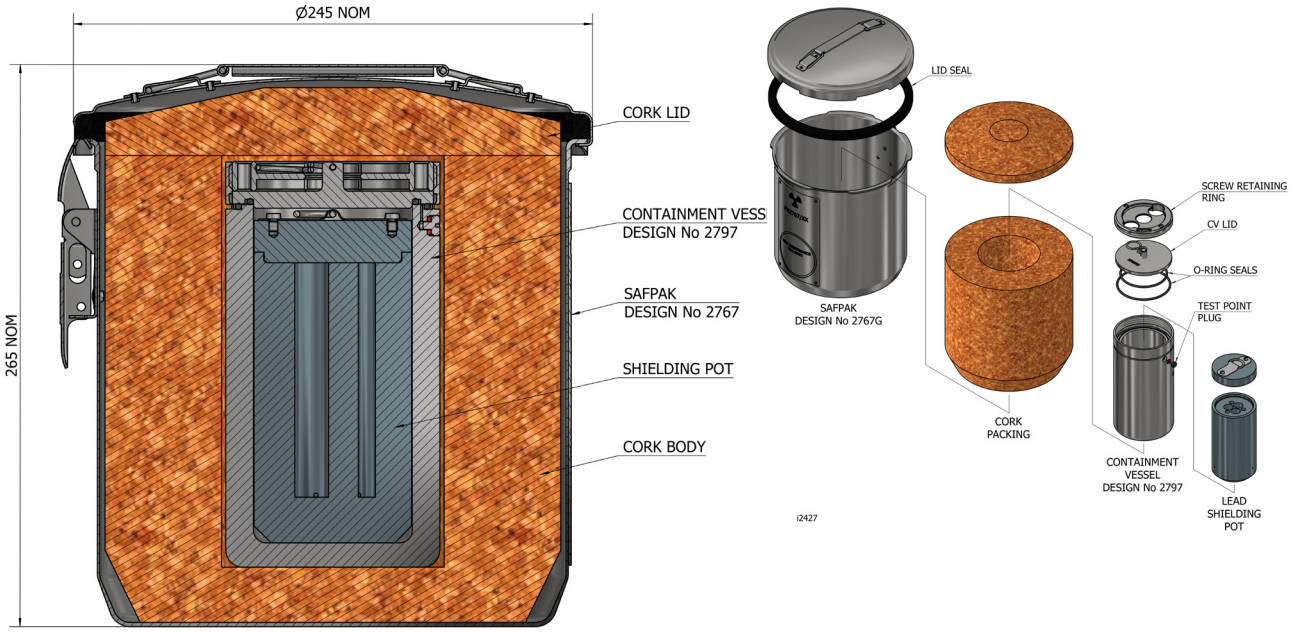
Section through Package Design No 2767G



Approved Contents

- Radioactive material in liquid or solid form. A variety of sealed primary containers can be used with liquid contents (e.g. vials). Absorbent material must be used with primary containers that are not sealed (e.g. syringes).
- The contents are also limited to A1 for material in special form and A2 for other material, with the additional requirement that the external radiation levels of the package, during routine and normal conditions of transport, as loaded and presented for transport, are within regulatory limits.

Modes of Transport

By road, rail, sea, and air.

Physical Data

Component	Outer Container Design No 2767	Containment Vessel Design No 2797
Dimensions		
External Diameter (mm)	245	101
External Height (mm)	270	192
Internal Diameter (mm)	218	75
Internal Height (mm)	255	157
Weights		
Tare Weight (kg)	5.0	6.2
Maximum Permitted Contents Weight (kg)	6.5	
Maximum Gross Weight of Package (including Contents) (kg)	17.7	