

Package Design N° 2767T

Package Name: SAFPAK



Type

Designed as a reusable Type A Package to the IAEA Regulations for the Safe Transport of Radioactive Material TS-R-1 2009 Edition.

Certification

Licensed by Croft Associates Limited as a general purpose Type A Package and in particular for the carriage of medical radionuclides in solid or liquid form.

Approval Certificate N° GB 2767T/A-96.

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

Description

Package Design N° 2767T is designed on traditional engineering principles and manufactured from stainless steel and brass to give a long service life. The package consists of an outer container Drum Design N° 2767 which carries a resealable inner Containment Can Design N° 2952 within shock absorbing packing.

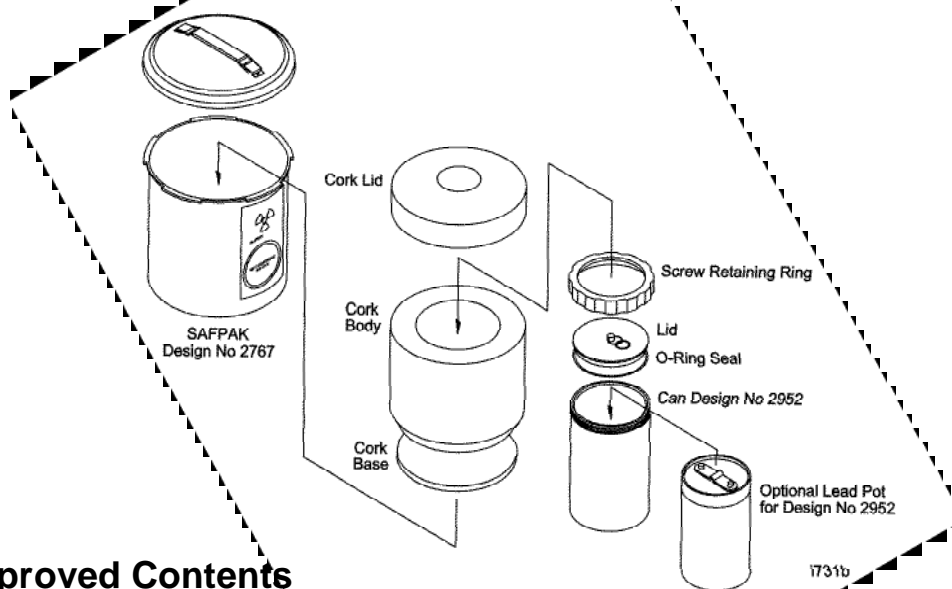
The container Drum Design N° 2767 has a pressed stainless steel body and lid with a bayonet action closure.

The Containment Can Design N° 2952 is a resealable stainless steel containment can which carries the radioactive contents in primary containers. When contents are liquids syringes, absorbent material provided must be fitted inside the can. When the contents are bottles or vials, these may be packed in plastic bags/containers, or carried in lead pots when additional shielding is required. The Containment Can Design N° 2952 provides shielding equivalent to 4 mm of lead.

Containment

The primary containment is provided by the Containment Can Design N° 2952. Secondary containment is provided by the absorber when syringes are carried, or by the bottle or vial. A wide range of primary packaging (including lead pots used with bottles or vials) can be used provided this packaging conforms to the specification referenced in the approval certificate.

Exploded View of Package Design N° 2767T



Approved Contents

Radioactive material in liquid, gas 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).

Liquid contents are limited to a maximum volume of 1000 cm³ (1 litre) when packed in sealed primary containers and 160cm³ when packed in non-sealed primary containers.

Maximum contents weight of Can Design N° 2952, including additional shielding is 10.0 kg.

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, as loaded and presented for transport, are within regulatory limits.

Modes of Transport

Road, rail, sea, air and inland waterway.

Physical Data

Package 2767T	Outer Container 2767	Packing	Inner Container 2952
External Diameter	245 mm		135 mm
External Height	270 mm		200 mm
Internal Diameter	218 mm		114 mm
Internal Height	255 mm		190 mm
Tare Weight	2.95 kg	1.65 kg	5.7 kg
Maximum weight of Package Design N° 2767T - 20.3 kg			

Further Information

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