

**Package Design N° 2767G**  
**Package Name: SAFPAK**



## **Type**

Designed as a Reusable Type A Package to the IAEA Regulations for the Safe Transport of Radioactive Materials (TS-R-1).

## **Certification**

Licensed by Croft Associates Ltd 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.

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

## **Description**

Package Design N° 2767G 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° 2797 within shock absorbing packing.

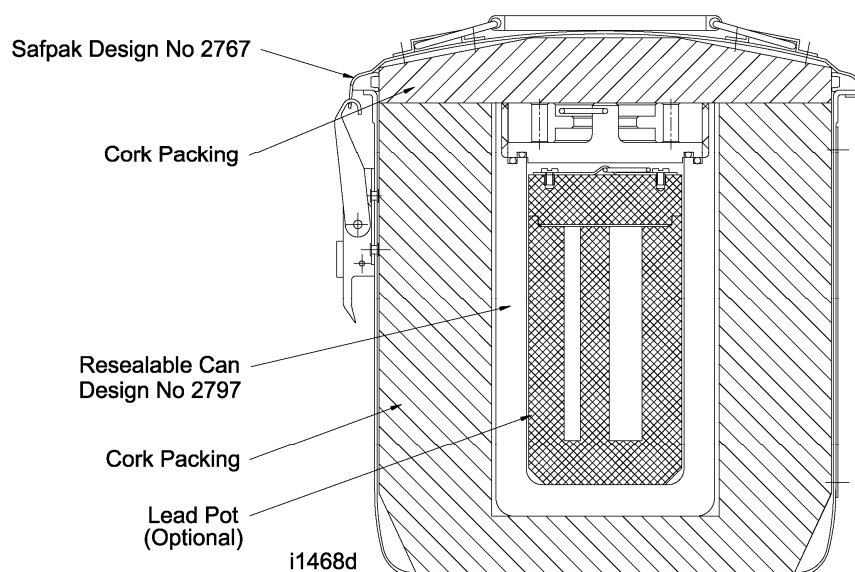
The Container Drum Design N° 2767 has a pressed stainless steel body and lid with a bayonet action closure

The Inner Container Design N° 2797 is a resealable stainless steel containment vessel.

## **Containment**

The resealable Inner Container Design N° 2797 provides the containment system for the package. The lid of the container has a O-ring seal with an interspace between the O-ring seals; the interspace facilities leak testing to ensure that the seals achieve the prescribed levels of leaktightness.

## Section through Package Design N° 2767G



### Approved Contents

Radioactive material in liquid or solid form. A variety of sealed primary containers can be used with liquid contents (eg, vials). Absorbent material must be used with primary containers that are not sealed (eg syringes).

Liquid contents are limited to a maximum volume of 500 cm<sup>3</sup> when packed in sealed primary containers and 140 cm<sup>3</sup> when packed in non-sealed primary containers.

Maximum contents weight of Can Design N° 2797, including additional shielding, is 12.6kg.

The contents are also limited to A<sub>1</sub> for material in special form and A<sub>2</sub> 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.

### Physical Data

	Outer Container 2767 with cork packing	Inner Container 2797
External Diameter	245 mm	101 mm
External Height	270 mm	192 mm
Internal Diameter	218 mm	75 mm
Internal Height	255 mm	157 mm
Weight	4.7 kg	6.2 kg
Maximum weight of Contents including lead pot		6.4 kg
Maximum weight of Package Design N° 2767G including contents		17.3 kg

### Further Information

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