



### Package Type

Designed as a Type B(U) Package to the IAEA SSR-6 2018 Regulations for the Safe Transport of Radioactive Material.

### Certification

Approved by the UK Competent Authority as a B(U) Package under the current SSR-6 2018 Regulations.

Validations may be available for other countries.

### Description

The SAFPAK® 2767B is a reusable packaging design manufactured from stainless steel to give a long service life. The SAFPAK® 2767B consists of an Outer Container (Design No 2767) which carries a resealable Containment Vessel (CV), Design No 2775, within shock absorbing cork packing.

The SAFPAK® 2767 Outer Container is a pressed stainless steel body and lid with a bayonet action closure. The 2775 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 which are centralised within the cavity using defined set of liners and holders.

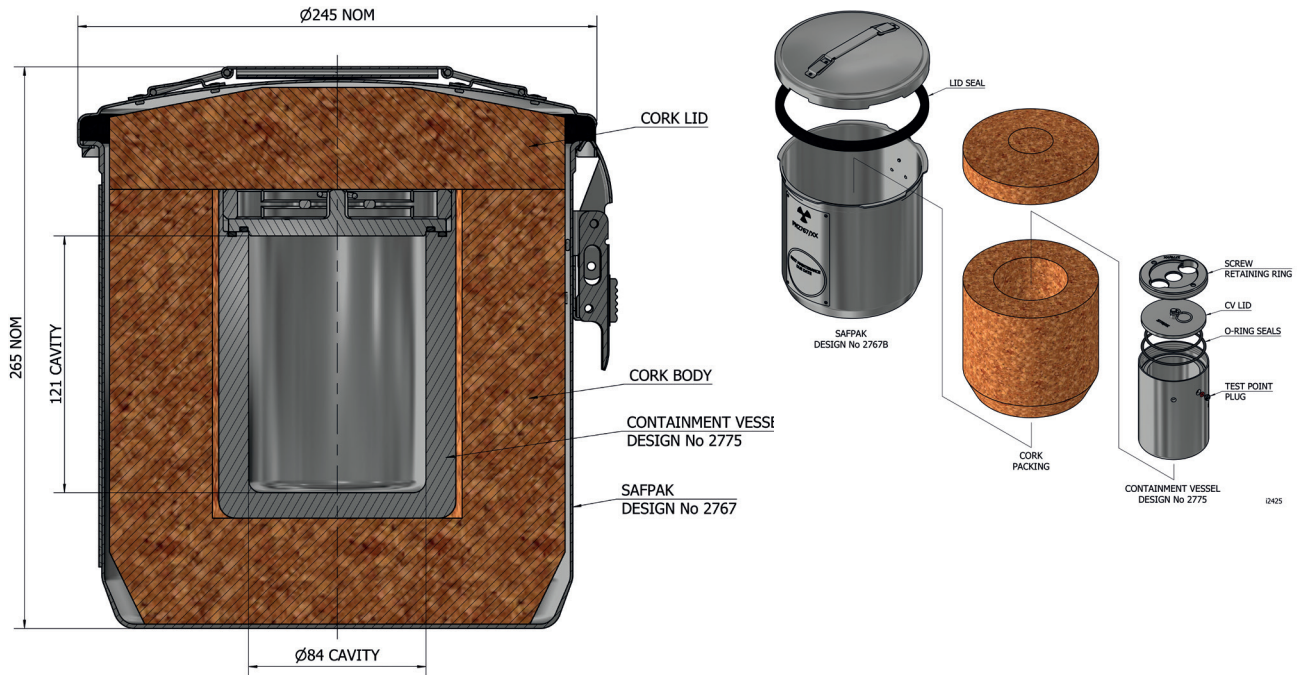
### Containment / Shielding

The 2775 CV provides shielding (14 mm stainless steel thickness) and the containment system for the package. The closure of the 2775 has a double O-ring seal arrangement with the interspace between the O-ring seals facilitating leakage testing to ensure that the seals achieve the prescribed levels of leak tightness.

To reduce the possibility of contaminating the 2775 CV, primary containers such as screw top cans or capsules are normally used to hold the contents and prevent internal displacements under normal conditions of transport.



## Section through Package Design No 2767B



### Approved Contents

Specifically intended to cover samples and/or small quantities of radioactive material in solid form (generally elemental oxide or carbide) consisting of separate radionuclide or mixtures of the following radioactive material:

- Fissile excepted quantities of Plutonium and Uranium.
- Americium (including expired Am-241 Special Form sources), Cobalt, Curium, Iridium, Neptunium, Strontium and Thorium compounds and/or mixtures.
- Plutonium/Uranium or Americium/Beryllium neutron sources.
- Maximum heat emission of the contents is not to exceed 5 watts.

### Modes of Transport

By road, rail, sea, and air.

### Physical Data

Component	Outer Container Design No 2767	Containment Vessel Design No 2775
<b>Dimensions</b>		
External Diameter (mm)	245	112
External Height (mm)	270	155
Internal Diameter (mm)	220	84
Internal Height (mm)	257	121
<b>Weights</b>		
Tare Weight (kg)	5.1	6.2
Maximum Permitted Weight of Contents (kg)		4.5
Maximum Gross Weight of Package (including Contents) (kg)		15.8