



TRU-Shield®

Further development on the licensed TRU- Shield® family of packages has resulted in packages that can be used for radioactive material storage and transport as well as Deep Geological disposal.

TRU-Shield® containers are uniquely designed for the storage and road, rail and air transport of Industrial Type 2 and Type A radioactive materials and provide a high degree of security. Whilst the TS-141 series was purpose designed for disposal in the UK.

Designed in the USA and, manufactured under license & supplied worldwide by bespoke manufacturers in the USA, Europe, and Asia in accordance with ISO 9001 and 14001 for worldwide supply.

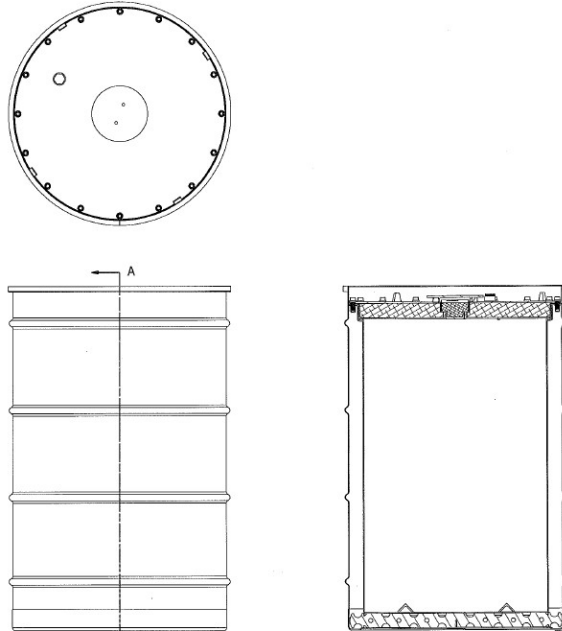
BENEFITS at a GLANCE

- USA DOT Type A, IP-2 & IP-3 certified container, manufactured under an ASME/NQA-1 program &/or ISO 9001
- IAEA (SSR-6), certified for Industrial Type 2 and Type A (solids)
- Approved for use in Taiwan by the ROCAEC
- Containers are stackable
- Eliminates costly storage and maintenance associated with onsite storage of high surface dose rate waste
- Use of previously surface contaminated lead can significantly reduce acquisition cost.
- Available in a variety of materials:
 - Carbon Steel
 - 300 Series SS
 - Super Duplex SS
- Does not require nitrogen purging due to fixed venting using optional vents.
- Stores material in more physically secure environment due to mass of container and lid fastening system.





Lead Lined Storage & Disposal Containers



Catalogue Number	Shield Thickness (mm)	Weights / Capacities			Dims. External (Internal)		Container Design Capacity			
		Tare (Kg)	Gross (Kg)	Vol. (Litre)	Height	Diameter	Direct Load	38 Litre Pail	136 Litre Pail	200 Litre Drum
TS016-PB5	125	581	592	5.5	663(355)	384(140)	Use with Source Control Canisters (SCC500) and Loading Cassette			
TS055-PB2	50	1030	1165	116	882(684)	614(465)	YES	YES		
TS055-PB3	75	1410	1545	85	882(634)	614(414)	YES	YES		
TS085-PB2	50	1425	1875	195	1010(813)	686(553)	YES	YES	YES	
TS085-PB3	75	2090	2545	150	1010(762)	686(502)	YES	YES	YES	
TS110-PB2	50	1865	2320	300	1082(900)	800(652)	YES	YES	YES	YES
TS128-PB2	75	2605	3060	260	1016(776)	838(652)	YES	YES	YES	
TS141-PB2	50	2055	3455	340	1205(1046)	800(652)	YES	YES	YES	NO
TS146-PB3	75	2830	3285	300	1143(900)	838(652)	YES	YES	YES	YES

- IAEA SSR-6 certified for road, air and sea for Industrial Type A, Type IP-2 and Type IP-3 (solids)
- Licensed for use in Taiwan by the ROCAEC; Conceptual LoC submitted for disposal in United Kingdom
- Less Risk of accidental personnel exposure & less high-risk radiation areas.
- Less expense to store material-no special structures required or nitrogen purging.
- Lower Surveillance and Maintenance. Built under ASME/NQA-1 / ISO 9001 programmes.
- Container costs may be offset using recycled lead—clean or previously surface contaminated.

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