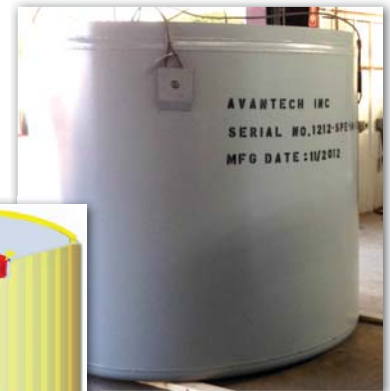


## Water Treatment Services

AVANTech has received a Certificate of Compliance from the State of South Carolina for the next generation of RadSafe™ High Integrity Containers (HICs). These steel/high-density cross-linked polyethylene containers have been optimized with larger internal volumes for wet low-level radioactive wastes.

- ✓ Compatible with existing transport, handling, and dewatering equipment and services
- ✓ Outer steel shell molded with high density cross-linked polyethylene (XLPE)
- ✓ Maintains stable waste form for 300+ years in accordance with 10 CFR 61
- ✓ Optional dewatering internals remove free standing liquid to <1% by volume
- ✓ Includes removable lid that can be safely and quickly installed
- ✓ Can be fabricated and code stamped to ASME Section VIII
- ✓ Can be fabricated in custom sizes to meet user needs
- ✓ Withstands 25' (8 m) drop test for safe handling/storage
- ✓ Loaded containers can be stacked up to 3 high
- ✓ Outer shell eliminates UV degradation of XLPE
- ✓ Steel shell reduces risk of puncture and stresses
- ✓ Steel shell mitigates HIC fire potential
- ✓ Equipped with integral passive vent



Section View

**Up to 10% Higher Internal Capacity  
than other HICs, with  
No Added Disposal Volume**

### AVANTech RadSafe™ Containers (ARCs) Standard Sizes

Liner ID (prefix)	Liner ID (suffix)	Internal Dimensions		Internal Volume (cu ft)	External Dimensions		Disposal Volume (cu ft)	Weight (lbs.)		Compatible Cask
		Dia. (in.)	Hgt. (in.)		Dia. (in.)	Hgt. (in.)		Empty (tare)	Max Loaded (gross)	
ARC-120	- MT - Empty	57.67	69.80	105.5	60.00	72.25	118.2	2,510	8,630	8-120B
ARC-160	- G - Grapple Top	63.36	71.53	130.5	65.75	74.00	145.4	2,870	10,440	10-160-B
	- OT - Open Top									
ARC-170	- BR - Bead Resin	70.54	68.06	153.9	73.00	70.50	170.8	3,190	12,120	14-170
ARC-200	- PDX - Powdex	72.52	74.99	179.2	75.00	77.50	198.1	3,530	13,930	14-190/195 14-210/215H

Example: ARC-120-BR is a RadSafe™ 118-cu ft HIC with bead resin internals.