



The NTS

1648C

A Type B(M) or Type A(F)
Transport Package

NTS supports the global nuclear market by providing standalone or end-to-end solutions to nuclear transport and logistics challenges.

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The 1648C (5 off physical assets) is used to transport radioactive materials collected from UK academia, NHS sites and various other commercial organisations. It has been licensed for various contents as a **Type B(M)** and separately a **Type A(F)** transport package, in full compliance with IAEA SSR-6 requirements. Other content could be considered, subject to NTS review.

The 1648Cs relatively small foot-print and mass enables it to access most facilities and although primarily focused on road transport, it could also be transported by rail and sea when integrated with appropriate ancillary equipment.



Please ask an NTS representative for further information on design limits and plant interface requirements.

1648C dimensions	Metres	
Overall diameter, over body	0.765	
Lid diameter	0.650	
Shock absorber diameter	0.765	
Body rebate depth for trunnion flange	0.025	
Trunnion length to back of flange	0.128	
Width across trunnions	0.971	
Overall length:		
Without lid	1.070	
Without shock absorber	1.225	
With shock absorber	1.306	
Cavity diameter	0.300	
Cavity length	0.676	
Shell thickness:		
Body	0.232	
Base	0.225	
Component	Weight (kg)	
1648C body	3400	
1648C lid	403	
1648C shock absorber	65	
Tare weight	3868	
Contents		
10 litre disposable liner	27	–
10 litre disposable liner stool	10	–
28 litre disposable liner	–	39
Maximum contents	95	93
Maximum gross laden weight	4000	