

20ft CRYOGENIC ISO-TANKCONTAINER



Key Information

CAPACITY	:	Gross 20,800 litres Net 19,780 litres +/-1.5%
TARE WEIGHT	:	7,400 kg nominal
MAX GROSS	:	36,000 kg
PRESSURE	:	Design: 10.34 bar (150psi); Test: 13.8 bar
SERVICE TEMP.	:	-196°C to 50°C. Inner/outer vessel & pipe work
PERFORMANCE	:	0.5% per day based on LN2
TYPE APPROVALS	:	T75 UN Portable tank (incl. IMDG, CFR ADR/RID) UIC, TIR, CSC
PRODUCTS	:	LiN/Lox/LAr, LNG, liquid ethylene & nitrous oxide
VESSEL MATERIAL	:	Inner vessel: austenitic stainless steel Outer vessel: carbon steel Pipework: stainless steel Sch 10 as a minimum
DESIGN FAB. & TEST CODE	:	ASME VIII Div 1 with 'U' Stamp
FRAME	:	ISO 1496/3 (1CC).
FRAME MATERIAL	:	Grade 50D Carbon Steel S355 J2G3
STACKING	:	192,000 kg
INSULATION	:	Cryogenic Super Insulation
VACUUM	:	20µ max at ambient temp. ; <5µ at delivery
PAINT SYSTEM	:	Frame and vessel: Shotblast SA 2 1/2; one coat Hempels 1536 zinc-rich primer to 50 µ DFT & one coat Hempthane 5521 high build to 80µ DFT. Colour white RAL 9006

COMPONENTS:

