

10ft ISO UNIVERSAL FULL FRAME OFFSHORE CRYOGENIC TANK (DNV-APPROVED)



Key Information

CAPACITY	: 2,000 US Gallon Nominal.
TARE WEIGHT	: 4,850kg nominal.
MAX GROSS	: 16,000kg.
PRODUCT	: Liquid Nitrogen.
WORKING PRESSURE:	6 bar.
SERVICE TEMP.	: -196°C to 50°C. Vessel & pipework.
PERFORMANCE	: 0.55% per day based on LN2.
TYPE APPROVALS	: T75 UN Portable tank (IMDG ADR/RID), TIR, CSC, DNV 2.7-1
INNER VESSEL	: Austenitic Stainless steel.
OUTER VESSEL	: Carbon steel.
PIPE WORK	: Stainless steel Sch. 10 as a minimum.
BAFFLES	: 1 Set of stainless steel baffles per tank.
FRAME TYPE	: ISO1496/3 1DX Frame - DNV spec lifting lugs
MATERIAL	: Grade 50D Carbon Steel S355 J2G3
STACKING	: 3 high stacking full.
INSULATION	: Cryogenic Super Insulation.
VACUUM	: 3 microns at ambient temperature.
PAINT SYSTEM	: Frame: One coat Zinc rich primer to 40 µ DFT. One coat Epoxy high build to 80 µ DFT.
	: Vessel: One coat Hempel Urethane to 80µ DFT