

# ACID PACK 10: COROFLAKE

The HSL Acid Pack 10 is an ISO-Framed, fully-lined IMDG T14 Acid Transport and Storage Tanks with a capacity of 7,500L.

Approved to ASME V111 Div 1 as a chemical storage and transport tank, the unit features a DNV 2.7-1 / EN 12079-compliant frame for offshore use.

In addition to European and International approvals, the Acid Pack 10 is also US DOT and NORSOK-certified, permitting its use in North America and Norway.



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**HSL**

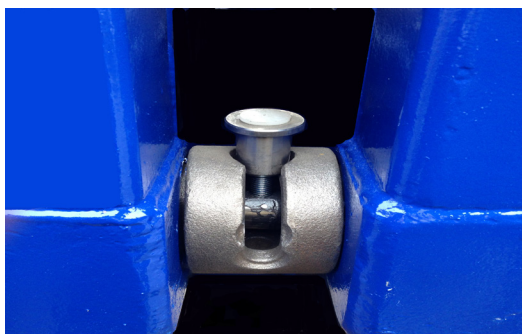
# ACID PACK 10

## Detailed Specification

- Approvals & Certification: IMDG, CSC, ADR/RID, DNV 2.7-1, EN 12079, NORSOK,
- Vessel Design Code: ASME VIII Div 1. US CFR.
- Working Pressure: 4 bar / 58 psi.
- Test Pressure 6 bar / 87 psi
- Design Temp: -20°C to +55°C
- Vessel Material: Carbon Steel to SA516-70 / SA-455
- Lining Material: Coroflake - Glass Flake Novolac Vinyl Ester .
- Shell / End thickness: 6mm
- Frame Material: EN 10219 S275 J2H (Primary structure), EN10025 S355 J2G3 (Padeyes).
- 8 x Bottom-type ISO corner castings on top & bottom corners.
- 33mm dia. Padeyes for 16 tonne shackles.
- Slings: 4-leg wire rope to DNV 2.7-1 (45°)
- 2 x Forklift pockets (300 x 150mm ext). 1300mm between centres.
- Inspection Agency: Lloyds Register.
- Permitted Cargo: Multi cargo as per IMDG T14 & lining-compatible. (Operator of vessel must ensure commodity carried is listed under applicable UN Portable Tank instruction and is in no way corrosive to the lining) .
- Stacking: x9 high.

## Dimensions

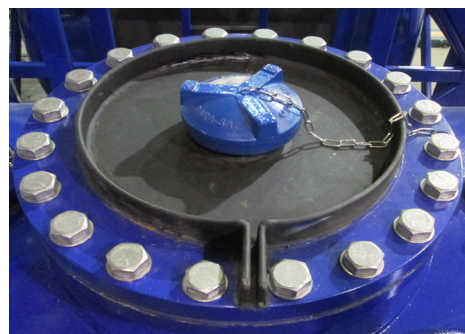
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|------------------|--------------------------|
| Frame Dimensions | 2991mm x 2438mm x 2591mm |
| Capacity         | 2,000USG (7,500L) +/- 2% |
| M.G.W.           | 12,883kg                 |
| TARE             | 4,550kg                  |
| Max. Payload     | 8,333kg                  |



Detail: ISO-locking of x2 10ft Acid packs to enable shipping as a standard 20 ft container

## Fittings & Accessories

- Manlid: 1 x 498mm ID Bolted design, fitted to upper side of tank. Upper surface & underside lined with Glass Flake Novolac Vinyl Ester .
- Safety-Relief Valve: 1 x 80mm MK3 Flanged 3" ASA 150 Maxi pressure vacuum relief valve c/w bursting disc and Manometer Fortvale or equal.
- Airline Provision: 2" BSP with cap.
- Top Inlet: 1-off 4" Top inlet connection consisting of a top-mounted 4" PTFE-lined butterfly valve, & 4" Fig 207 Hammer lug fitting & cap with chain.
- Top Outlet: 1-off 4" Top outlet connection consisting of a top-mounted 4" PTFE-lined butterfly valve, & 4" Fig 207 Hammer lug fitting & cap on a chain. Internal removable flanged syphon pipe fitted.
- Dipstick Access / Gravity-fill: 1 x 4" fig 207 Hammer lug fitting & cap on a chain.
- Dipstick: Fibreglass type, in stainless steel pipe.
- Walkway: GRP walkway covering all fittings to prevent slings snagging. Anti-slip surface.
- Ladder: Incorporated into frame at centre of tank. Anti-slip.
- Internal finish: Shotblasted to SA 2.5 and fully-lined with Coroflake.
- External finish: NORSOK M501 System 1. Blast clean to SA 2.5. InterZinc 52 to 60 mic. Interguard 475HS to 160 mic. Interthane 990 to 60 mic.
- Protective Bromo Butyl rubber sheeting partially covering manway neck and outside of tank to underneath of inlet/outlet nozzles.
- Document box: 1x 2" (Plastic, Fort Vale) .



Detail: Manlid