

PETROLINE

AUSTRALIA'S LEADING FUEL LAY-FLAT HOSE



CRUSADER HOSE

Customised Layflat Hose Systems



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Projects



Petroline's customer base includes the Defence Force, the Oil and Gas Industry as well as a variety of fuel handling operators.

Recent Petroline Projects

- ✔ Supply of hose for ship-to-shore de-bunkering at Christmas Island.
- ✔ Supply of hose and equipment for the Army's bulk fuel distribution: This project provides the Defence Force with the capability to transfer fuel for military and aviation needs very rapidly over considerable distances.

Crusader Hose has supplied several kilometres of 150mm Petroline complete with a custom designed and built hose reeling system.

Main Uses



- ✔ Delivery hose suitable for use with fuels and chemicals
- ✔ Temporary fuel pumping
- ✔ Compactly stored for refuelling of ships
- ✔ Applications in fuel terminals and depots



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Typical Fittings



Crusader Hose recommends the use of Petroline couplings in most applications. Various coupling types are suitable for use with this hose. The anti-static wire is earthed to each coupling end.

We typically attach the coupling using the wire whipping method. This tight "wrapping" technique keeps the couplings on at very high pressures. This is very important as leaks at high pressures are not only wasteful but can also be dangerous. We offer a further testing service whereby the entire hose assembly is certified to high pressure.



Petroline Features

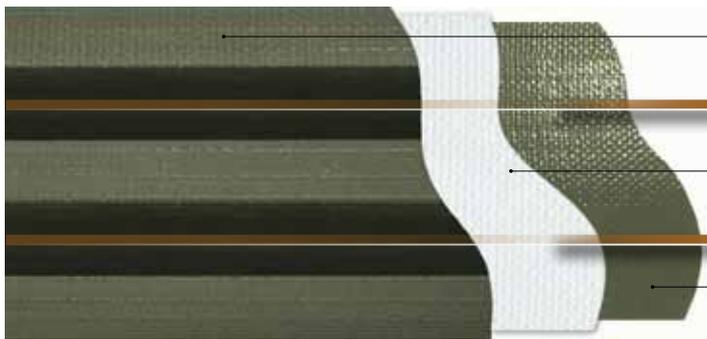


- ✓ Lightweight & easy to handle
- ✓ High pressure rating
- ✓ Good resistance to fuel and chemicals
- ✓ Requires small storage space; easy to roll up
- ✓ Available in different colours
- ✓ Prompt delivery times and customer support
- ✓ UV stabilised; consequently suitable for extended outdoor use
- ✓ Anti-static stainless steel wire built in for electrical continuity



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- Non-cracking polyurethane cover
- Built-in Stainless Steel Anti-Static Wire
- Woven polyester fabric
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- Impregnated polyurethane bonded to outer cover which eliminates separation

The woven polyester fabric jacket gives the hose its high bursting and tensile load features. The polyurethane cover not only protects the hose against abrasion damage but also against harmful UV radiation and ozone. This unique design renders the hose light weight yet extremely strong and durable.

Hose Size Diameter (mm/inch)	Internal Diameter (mm)	Avg. Single Wall Thickness (mm)	Recommended working pressure (bar) (2:1 safety margin)	Burst Pressure (bar)	Weight (kg/m)	S/S Anti-Static Wire
40mm / 1½"	40.0	2.8	40	80	0.45	Single
50mm / 2"	50.0	3.1	35	70	0.65	Single
75mm / 3"	76.0	3.9	31	62	1.10	Double
100mm / 4"	102.0	4.2	30	60	1.60	Double
150mm / 6"	152.0	4.6	23	46	2.60	Double

Standard lengths are 100m and 200m, but hoses can be supplied to customer requirements.

Petroline Certifications

- ✔ Manufactured to ISO 9001.
- ✔ Complies with AS2683 section 2.
- ✔ Complies with AS2001.28 - UV and abrasion tests.



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