



KelairPumps

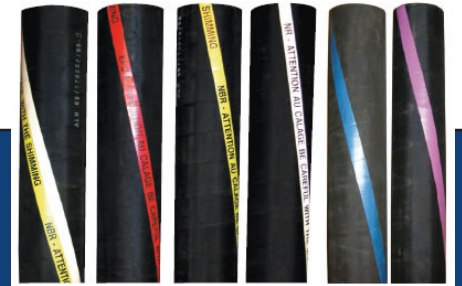
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HOSE RANGE AVAILABLE AT KELAIR PUMPS

**WHEN PUMP
KNOWLEDGE
MATTERS**



FREQUENTLY ASKED QUESTIONS ABOUT ALBIN HOSES



Q: Do Albin hoses fit all other brands of hose pumps?

A: Albin hoses fit most brands of hose pumps. They make hoses of specific lengths to fit the major manufacturers including Bredel, Verderflex and King Cobra (Blackmer which part of the Pump Solutions Group...Same group as Wilden). Different part numbers apply to hoses of differing lengths and these can be ordered direct from Kelair.

Albin hoses in the vast majority of cases are longer than hoses for other brands. This means that hoses stocked for Albin pumps can be cut to suit the other brands. This can be done using a very sharp knife with water as lubricant. The standard hose for other brands are too short to use in Albin pumps.

Q: Do hose pumps need cleaning?

A: The necessity for cleaning is dependent on the liquid properties. If the liquid can harden or is subject to crystallization, then the hose should be cleaned after each pumping batch has been completed. It is imperative to ensure that the hose is compatible with whatever cleaning liquid is going to be used. Also ensure that the temperature of the cleaning liquid is suitable for the hose material.

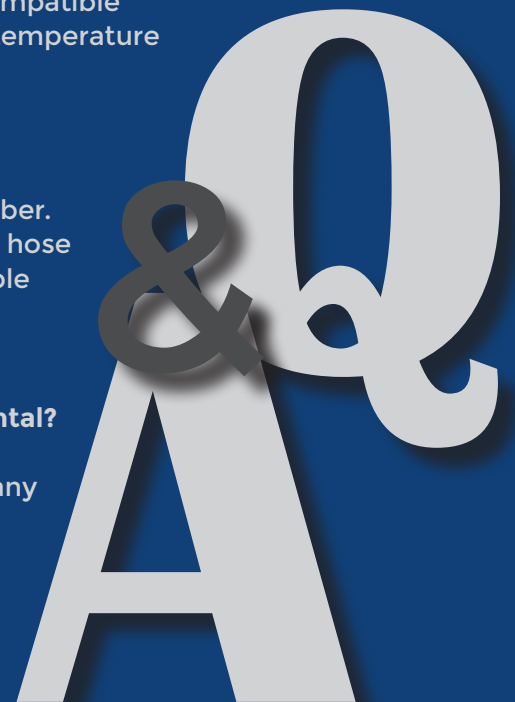
Q: Do all hose pump materials have the same life?

A: No. Experience has shown the best hose life by far is with natural rubber. Notwithstanding chemical compatibility, natural rubber will be the best hose material for approximately 90% of applications. Natural rubber has double the mechanical life of EPDM and triple the mechanical life of Buna and Hypalon.

Q: Can pump connections on a hose pump be vertical instead of horizontal?

A: The Albin range of hose pumps can be supplied with connections in any one of the following four positions listed below:

- Vertical up
- Vertical down
- Horizontal to the right
- Horizontal to the left



KELAIR PUMPS AUSTRALIA - 1300 789 466

When Pump Knowledge Matters





FREQUENTLY ASKED QUESTIONS ABOUT ALBIN PUMPS



Q: What is the Albin ALHS Pump?

A: This is the ALH with a separate bearing housing that allows the pump to be driven by a foot mounted driver.

Q: What is the Albin ALP Pump?

A: The Albin ALP is suitable for pumping and dosing low or high viscous, pasty, pure, neutral, aggressive or abrasive liquids, those containing gases, those which tend to froth or those containing solids. Albin ALP pumps outperform other pumps which rely on seals, valves or vanes for their operation.

Q: Does the pump require a pressure relief valve?

A: If an isolating valve is fitted in the discharge line or if there is any possibility of discharge blockage, then a full flow relief valve is to be fitted in the discharge line. It is preferable that the relief line is returned to tank and not to the pump suction. If the relief is to pump suction, the liquid temperature will rise quickly with a serious impact on hose life.

Relief valves are rarely used with peristaltic or hose pumps as the pump will strip lines of liquid making isolating valves unnecessary.

Q: Is the pump bi-directional?

A: Yes. The pump can be driven in either direction. It is fully reversible which means that either connection can be suctioned.

(Note, when pumping liquids with solids that are subject to settling out, the connection orientation must be horizontal with the suction connection at the top).

