

INKS

Inks are shear sensitive liquids that can have a variety of solvents, waxes, surfactants, semi-solid resin particles, and pigment load concentrations that bring with them abrasive wear and chemical compatibility concerns.



SUGGESTED PUMPS:



4624B SERIES™

- Cast Iron
- Abrasive resistant sealing options
- Low shear
- Capacities to 180 GPM



4724 SERIES™

- 316 Stainless Steel
- High viscosity & abrasive resistant sealing options
- Capacities to 110 GPM



1124A SERIES™

- Cast Iron
- O-Pro® Barrier Seal
- Hardened iron bushings & hardened steel shaft
- Low shear
- Capacities to 400 GPM

INK APPLICATIONS:

- Ink manufacturing
- Truck unloading
- Transferring to print deck
- Corrugated box & flexible packaging printing
- Magazine & newspaper printing
- Transferring ingredients (resins, oils, solvents, and additives)

Note: O-Pro® Barrier Seal is patented.

VIKING IN THE PROCESS:

Cast iron construction should normally be satisfactory for most inks, although some water-based inks may require stainless steel.

Flexographic and gravure printing is often used for large orders in the packaging and labeling industries. Viking pumps are also used on large offset printing operations such as newspapers. Viking pumps supply a continuous and consistent flow rate of ink to these high speed processes. In addition, Viking pumps are used to move the bulk raw ingredients for ink manufacturing such as resins, oils, carriers and additives.

Inks contain abrasive pigments. The specific pigment varies by color but examples include titanium dioxide, iron oxide, and carbon black. The 4624B Series™ design was developed specifically to combat potential wear resulting from the handling of these fine abrasives. These pumps include an abrasive resistant seal, a tungsten carbide idler pin and bushing, and a seal support plan to flush particles away from the seal faces to extend pump life.

INTERESTED IN A PRODUCT? CONTACT YOUR STOCKING DISTRIBUTOR TODAY!

VIKING PUMP®



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