

## INGENUITY AT WORK.

We, the founders of White Knight, knew there was a way to create a purer and more reliable pump. And we set out to prove it. First, we designed the award-winning White Knight AT100 low-vibration pump that was 100 percent metal-free. The pump was made from Teflon® resin [pure PTFE/PFA]. It was also the first pump in this industry that could handle fluid temperatures of more than 200°C.

From then on, it was one invention after another, resulting in a long list of patents. Some of White Knight's inventions include SynchroThread® technology, which allows the manufacture of multiple pure-resin threads. Another invention, the Pneumatic Logic® shifting mechanism, provides one of the lowest pulsation rates in the industry, prolonging the life of a pump and other downstream components.

## WE'RE IN CONTROL.

In many cases, a small business grows to a point where the founders fade into the corporate jungle. Not so with White Knight. As a family partnership, we pride ourselves in maintaining control of the business from start to finish. Beginning with the raw material, we oversee each step of the

manufacturing process to guarantee that each product is made from pure uncontaminated PTFE/PFA, as well as manufactured in a contaminate-controlled environment. In addition, White Knight molds and machines the material to maximize quality control.

## WE STAKE OUR NAME ON OUR PRODUCTS.

We are so sure of our product quality and service that we put it in writing, and then we keep our word. Throughout the years, we have offered longer warranty periods, assuring our customers that our products are as good as we say they are.

We continue to lead the industry in warranty protection. We were first to offer a hands-off warranty that promised customers no need for preventative maintenance during the warranty period. Unlike much of the competition, our one-year warranty does not include restrictions regarding cycle times. Next, we introduced a pump series with a two-year warranty [with no cycle/hour limit]. Now we extend the warranty on some of our models to three years.

We even back the customers' work if their technicians complete our free two-day training session at the White Knight facility.

## INDUSTRY FIRSTS

The innovative White Knight pumps have been first in anticipating customer needs, such as:

- Metal-free, 100 percent PTFE/PFA
  - No o-rings
- High-temperature capability [greater than 200°C]
- Pulse-free reciprocating pumping at  $\pm 1.5$  psi [without surge suppression]
- Three-year warranty with no cycle/hour limit [select models]

Teflon® is a registered trademark of E.I. du Pont de Nemours and Company.  
SynchroThread® and Pneumatic Logic® are registered trademarks, licensed for use by White Knight Fluid Handling, Inc.