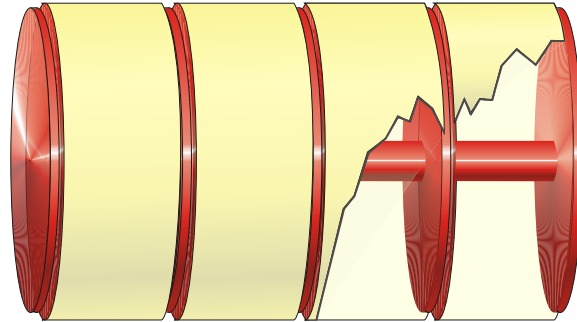
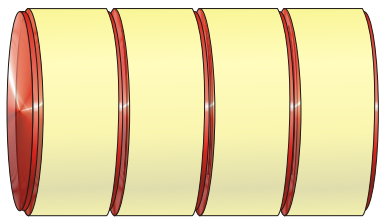


ULTRA-SEAL[®]

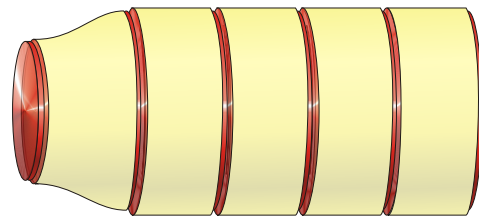


Knapp's Unique Ultra-Seal Pig is indeed "One of a Kind". Designed for demanding applications where only minimal product by-pass can be tolerated, the Ultra-Seal delivers as promised with the lowest measurable by-pass in the pigging industry. The Ultra-Seal Pig is available in numerous configurations to meet specific pipeline conditions. Foam density can be varied from 2 pounds per cubic foot through 10 pounds per cubic foot, while the hardness of the elastomeric backbone can be as soft and pliable as 60 Shore A, or as hard and durable as 90 Shore A Durometer.



Standard

The standard Ultra-Seal Pig has flat, polyurethane elastomer discs on each end. This is the optimum design for dewatering, batching of dissimilar products, and for fluid removal in pipelines of all sizes and pipe materials.



EZ-Launch[™] Nose

The Ultra-Seal Pig with EZ-Launch Nose is designed for use in pipelines with vertical launchers or changes in pipe diameter due to varying wall thicknesses or weld beads such as found in HDPE piping.



THE ULTRA-SEAL PIG IS PATENTED e-mail: knapp@pollypig.com
Knapp Document No. KPP-US-p1-05, 12-5-00 www.pollypig.com

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