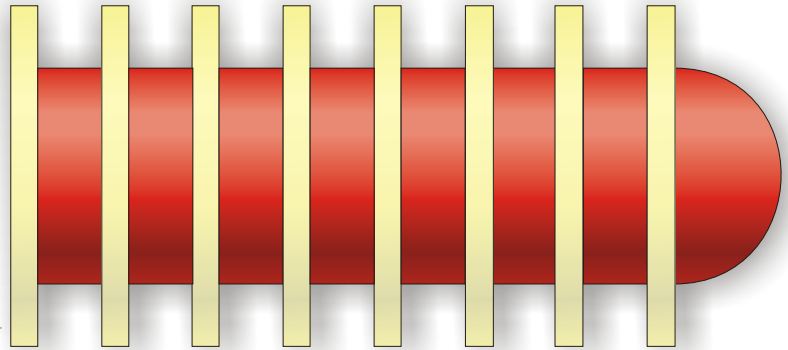


# HAND-LAUNCH™ PIG



## Easy to use

The Knapp Foam Hand-Launch™ Pig is easy to use, one size fits all pipe of that diameter - a 6-inch Hand-Launch Pig can be inserted, by hand, into all 6-inch pipe, from Class 50 Ductile Iron Pipe to 6-inch Schedule 160 Steel Pipe.

## Economical

The Knapp Foam Hand-Launch™ Pig saves the operator the considerable expense of launchers, a simple, line-sized wye fitting with a removable blind flange is sufficient to get the pig into the pipeline.

## Long Wearing

The Knapp Foam Hand-Launch™ Pig is manufactured using Knapp's pipeline-tough, pipeline-proven, open-cell polyurethane foam - in 5-lb/ft<sup>3</sup> density or 8-lb/ft<sup>3</sup> density.

## Won't harm Pipe Wall

The Knapp Foam Hand-Launch™ Pigs are manufactured using polyurethane foams and elastomers that are softer than the pipeline material - no damage!

## Multiple Scraping Surfaces

The Knapp Foam Hand-Launch™ Pig utilizes a series of discs as its' scraper element, this is a much more effective than a long cylinder.

## Ideal for Plastic Pipe

The Knapp Foam Hand-Launch™ Pig, due to its' deep disc design, is able to be run with less pressure and flow than a standard polly pig.



Knapp Document No. KPP-HL-p1-06, 8-23-00

Hand-Launch™ is a registered trademark of Knapp Polly Pig, Inc.

e-mail: [knapp@pollypig.com](mailto:knapp@pollypig.com)  
[www.pollypig.com](http://www.pollypig.com)

1209 Hardy Street  
Houston, TX 77020  
Tel: 800/231-7205  
713/222-0146  
Fax: 713/222-7403

©1998-2000 KNAPP POLLY PIG, INC.