



# K-DISC™

## THE ULTRA PERFORMANCE PARAFFIN REMOVAL PIG

### ACCEPT NO SUBSTITUTES

To insure unparalleled quality, the patented and proven K-Disc is manufactured exclusively by Knapp Polly Pig in Houston, Texas, USA; Monterrey, Mexico; and the Republic of Singapore.

### ALL URETHANE, SINGLE-PIECE CONSTRUCTION

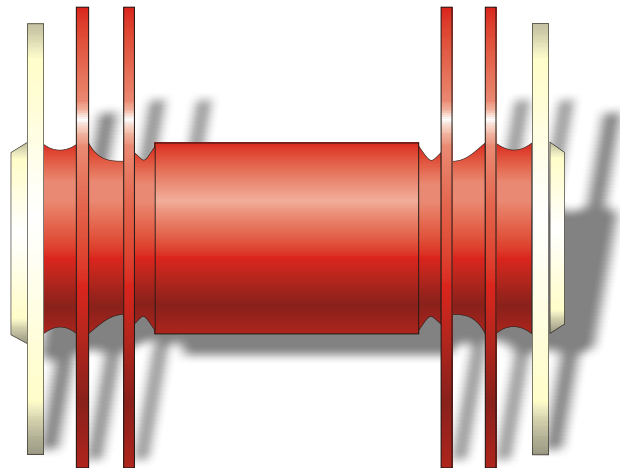
The Knapp K-Disc Pig has no metal parts which could damage the pipewall or costly pipeline ancillary equipment like pumps and compressors. The solid, one-piece polyurethane elastomer construction prevents the pig from coming apart in the line.

### PERFORMANCE ORIENTED DISCS

Tough line-sized scraping discs located at each end of the pig remove stubborn deposits while the over-sized central discs provide the flexible seal necessary to propel the K-Disc through the pipeline.

### BI-DIRECTIONAL

The K-Disc's patented design allows the pig to seal and scrape equally regardless of the direction it is moving in the pipeline.



### DESIGNED FOR ON-STREAM MAINTENANCE

The K-Disc pig was designed to be used as an on-stream maintenance tool capable of being propelled by the produced media whether it is a gas or a liquid.

### AVAILABLE IN ULTRATHANE™, THE ULTRA PERFORMANCE URETHANE

The K-Disc pig is available in many different formulations of Ultrathane, Knapp's Ultra Performance Urethane, which are fine-tuned for the job requirements. Ultrathane's superior elastomeric physicals characteristics in tear and tensile strength provide the ultimate in long wear and scraping ability. Contact the factory for specific Ultrathane formulation recommendations suited for your line.



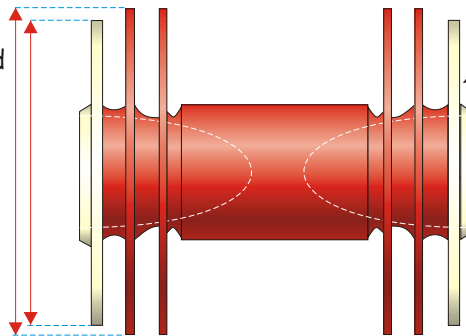
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# K-DISC™ DIMENSIONS

Size	Guide Disc	Seal Disc	Length Overall
2"	2.5"	2.63"	4.63"
3"	3"	3.13"	5.5"
3"	3.13"	3.25"	5.5"
4"	3.88"	4"	14.38"
4"	4.13"	4.19"	12.25"
4"	4.13"	4.25"	7"
6"	5.5"	5.75"	10"
6"	5.75"	5.88"	19.88"
6"	5.75"	5.88"	16.75"
6"	6"	6.38"	10"
6"	6.13"	6.25"	13.25"
6"	6.19"	6.44"	10"
7"	6.94"	7"	14.25"
8"	7.75"	8"	24"
8"	7.98"	8.19"	14"
8"	8"	8.25"	14"
10"	9.13"	9.13"	17.5"
10"	9.25"	9.25"	17.5"
10"	9.88"	10.25"	17.38"
12"	12"	12.25"	19.5"
12"	12.13"	12.25"	19.88"
12"	12.38"	12.63"	20.25"
16"	14.9"	15.19"	34"
16"	15.88"	16.38"	26.5"
18"	17.5"	17.88"	27.75"
20"	19.88"	20.5"	34.25"
22"	21.75"	22.31"	33.25"
24"	23.5"	24"	37.25"

The outside diameter of the guide and sealing discs can be reduced to fit special pipe sizes. \*When ordering, please be sure to state the disc diameters required, or contact Knapp for recommendations.



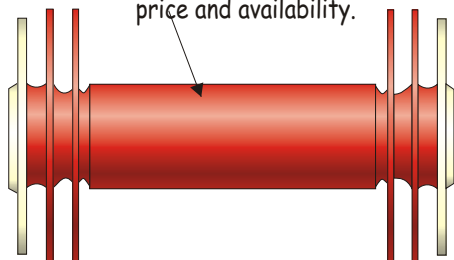
The hardness of the guide disc is typically 85 shore a durometer

Each end of the K-Disc has a cavity to reduce overall weight of the pig to provide for longer disc life

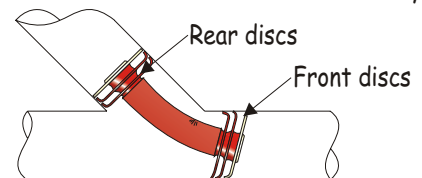
The hardness of the sealing disc is typically 72-75 shore a durometer

The body of the K-Disc can be extended to permit its' successful passage of sub-sea wye connections.

Please contact Knapp for dimensional details, price and availability.



To ensure passage through a sub-sea wye fitting, it is necessary for a disc-type pig to be longer than normal. Its' front discs must make a seal in the run of the wye while the rear discs maintain a seal in the lateral of the wye



Knapp K-Disc™ pigs are available in various formulations of Ultrathane™, the ultra performance urethane

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