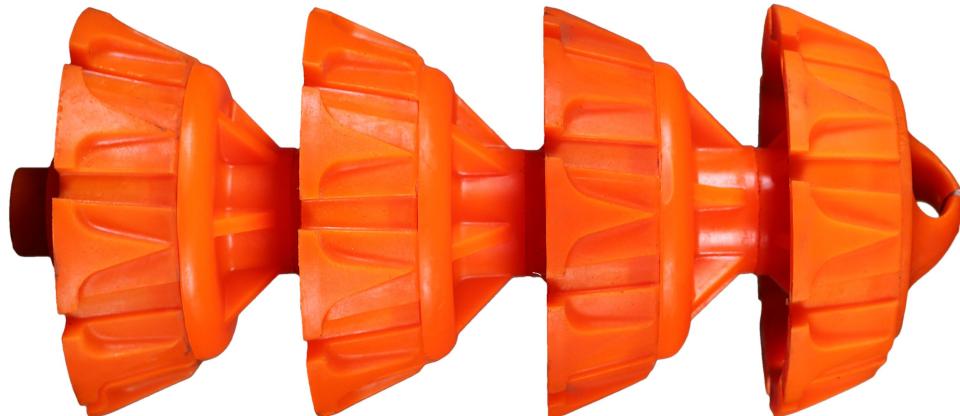


Super Paraffin Pig

4"- 48"



Description

The purpose of the Super Paraffin Cup design is to provide a cutting or peeling action that removes paraffin from the pipe wall. The design purpose is accomplished by a series of plow blades and bypass slots molded into the surface of the paraffin cup.

The main purpose of pigging with the Super Paraffin Cup is to keep the bore of the pipeline open to maintain maximum line efficiency. As paraffin deposits build up on the pipe wall the layers closest to the pipe wall will become the hardest and most difficult to remove. However, as paraffin is removed there is a tendency for the warmer temperature of the product flow to soften the remaining layers making the paraffin easier to remove. Running the paraffin pig should be continued until maximum flow rates are achieved and the build up of new deposits are minimized. To maximize the removal of existing paraffin and prevent the build up of new deposits, it is recommended that all four positions on the Super Pig carry paraffin cups. In this configuration the pig can take full advantage of the peeling and flushing action generated by the cups.

When the Super Paraffin Pig is launched, the plow blades flex toward the center of the pig allowing them to run parallel to the pipe wall. Because of the elasticity in polyurethane and the differential pressure inflating the cups, the plow blades are held tight against the pipe wall. In this position softer paraffin is peeled from the pipe wall. As paraffin is

peeled from the pipe wall the bypass slots allow dislodged paraffin to be flushed through the pig and carried out of the line ahead of the pig by product flow. The advantage of this is that paraffin does not build up between the paraffin cups or build up a "candle" ahead of the pig to such an extent the pig could become lodged in the pipeline.

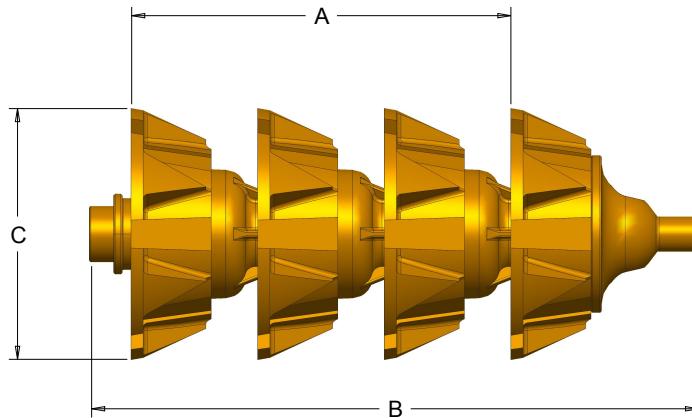
A Super Pig equipped with all a paraffin cups will move at slightly less than line speed. This is because of the bypass inherent in the design of the paraffin cup. If additional bypass is required to allow for less aggressive paraffin removal, the webbing between the plow blades can be reduced in size until the desired line speed and cleaning action is achieved. If more line speed is desired the Super Paraffin Pig can be configured with one or more scraper cups or discs modified to reduce bypass.

Options

- Size 4" to 48"
- Brush Assemblies – Carbon Steel, Stainless Steel and Prostran
- Transmitter & Magnet Compatible

Super Paraffin Pig

4"- 48"



Super Paraffin Pig Nominal Dimensions				
Size Inches	A Inches	B Inches	Weight lbs.	
3"	10"	12"	n/a	
4"	12"	15"	4	
6"	14"	17.5"	9	
8"	16"	21"	19	
10"	19"	24"	34	
12"	24"	30"	49	
14"	24"	30"	54	
16"	28.5"	34"	89	
18"	29"	34"	102	
20"	29.5"	34"	142	
22"	29.5"	34"	185	
24"	37"	41"	167	
26"	37"	41"	203	
28"	45"	52"	221	
30"	46"	52"	n/a	
32"	46"	52"	373	
34"	46"	52"	n/a	
36"	46"	52"	n/a	
40"	65"	77"	n/a	
42"	65"	77"	n/a	
44"	66"	77"	n/a	
48"	66"	77"	1200	