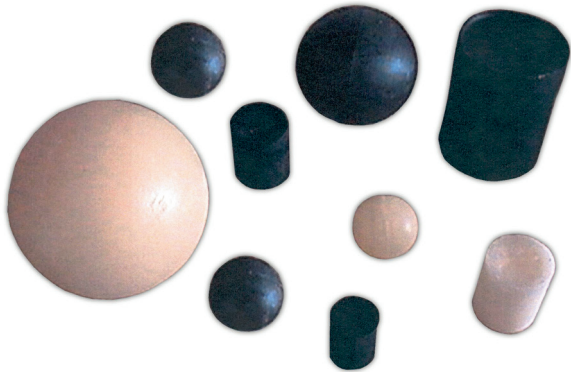


Apache Pipeline Products distributes soluble pipeline pigs that are designed to clean out paraffin deposits and other unwanted accumulations that decrease flow in your pipeline.

Soluble pigs are available for both oil systems (oil soluble) and water systems (water soluble). The pigs will dissolve in your oil tank or water tank so there are no disposal problems.



PIG SIZE	SCH. 40	SCH. 80	CASE QTY
1"	1.033	0.941	50
1 1/4"	1.364	1.262	50
1 1/2"	1.594	1.484	50
2"	2.035	1.899	50
2 1/2"	2.420	2.273	50
3"	3.046	2.878	25
3 1/2"	3.500	3.316	25
4"	4.007	3.806	25
5"	5.017	4.783	8
6"	6.030	5.731	5
8"	7.981	7.625	2

The soluble pigs can be ordered in various sizes ranging from 1" to 30"

These Soluble Pigs Can Be Used In
ANY LENGTH OF PIPELINE

The advantage of the ball pig is its ability to go around 90 degree turns that may cause rubber or plastic to become stuck.

The soluble pigs are very inexpensive when compared to conventional pigs or hot-oil treatments.

Field experience indicates that:

SHORT LINES
(500 Feet Or Less)
USUALLY REQUIRE
1 TO 5 PIGS

LONGER LINES
(May Require)
5 TO 10
OR MORE PIGS

The number of pigs to be used is based on:

- THE LENGTH OF PIPE
- AMOUNT OF ACCUMULATION
- TEMPERATURE OF FLUIDS

AND OTHER FACTORS

Regular pigging is recommended to keep lines clean and prevent paraffin from becoming too hard or thick to remove.

Due to the various sizes and schedules of pipe, please feel free to contact us requesting more detailed information.

The most common procedure for pigging a line with these soluble pigs is to insert the pig through a launcher, then pump the system and continue running pigs, one at a time, into the line until there is:

- no additional decrease in flowing pressure
OR
- no additional increase in flow rate
OR
- no additional accumulation removed down stream

ALWAYS record the **AMOUNT OF FLUID BEHIND THE PIG,** so the pig location can be calculated should it become stuck.

ALWAYS have the ability to **PUMP FROM THE OPPOSITE END** of the pipeline should a pig be stuck.

Pigs should be grooved on the edges if there is a possibility of it becoming stuck.

- This will allow fluid movement past the pig on the edges to help dissolve it. Pigs can also be drilled from the ends leaving a thin part in the center that is not drilled. If the pig should become stuck this will allow circulation to be established by raising line pressure and breaking through the undrilled portion of the pig.

The oil soluble pigs come in both solid ball form or a cylinder shaped plug.

- They contain micro-crystalline wax, paraffin inhibitor and a pour point depressant. The residual traces of paraffin inhibitor remaining after pigging the line with the soluble pigs will help prevent the re-deposition of paraffin for a short period of time. The pour point depressant helps the oil that contacts the pig flow easier at lower temperatures.

The water soluble pigs also come in a solid ball or a cylinder shaped plug. They contain a water soluble surfactant and corrosion inhibitor.



Due to the various sizes and schedules of pipe, please feel free to contact us requesting more detailed information.

