

Pipeline Pigging

Polyurethane Systems

With years of experience in research and development, Stobipur® F and Stobicast® HC are chemically engineered to meet your pipeline pigging application requirements for either solid cast polyurethane or foam pigs

Benefits

These product lines provide the most efficient and cost-effective polyurethane needs for the pipeline pigging industry. Polyurethane is the smart solution for the oil and gas industries for a variety of reasons including, but not limited to:

- Flexibility
- High tear and wear resistance
- Optimum abrasion resistance
- Versatility for creating different styles and sizes
- Compatibility with many oils and gasses



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The Stobipur® F product line features specialty foams that are customized to meet your application requirements. The two-component polyurethane foams offer high chemical and tear resistance for foam pigging applications.

Stobipur® F Featured Products						
	Product Name	Shore Hardness	Viscosity Polyoil/ Mixed M PAS at 20° C	Mixing Ratio by Weight Poly:Iso	Free Rise Density PCF	Description
Foam Pig System	Stobipur® F 722	45A - 55A	8,700 - 5,000	53:47	7-9	Low Density Foam

The Stobicast® HC versatile product line offers MDI and TDI terminated polyester prepolymers that work as two-component polyurethane systems. When paired with a Stobicast® HC curative, they offer excellent hardness and wear and chemical resistance making them the smart solution for all your solid cast and coating applications.

Stobicast® HC Featured Products							
	Product Name	Shore Hardness	Curative	Tensile PSI	Split Tear PLI	Die C Tear Strength PLI	Elongation %
Solid Cast Pig System	Stobicast® HC 1521 x 6.6 MDI Terminated Polyester	55A - 85A	BDO	7,000	350	520	600
	Stobicast® HC 1532 x 2.6 TDI Terminated Polyester	70A	MBCOA E300	5,500 5,000	80 153	260 291	760 >800
	Stobicast® HC 1535 x 3.3 TDI Terminated Polyester	80A	MBCOA E300	6,000 4,200	110 120	340 360	660 710
Foam Pig Coating System	Stobicast® HC 1534 x 5.5 TDI Terminated Polyester	90A - 94A	MBCOA E300	6,900 4,700	185 300	740 500	615