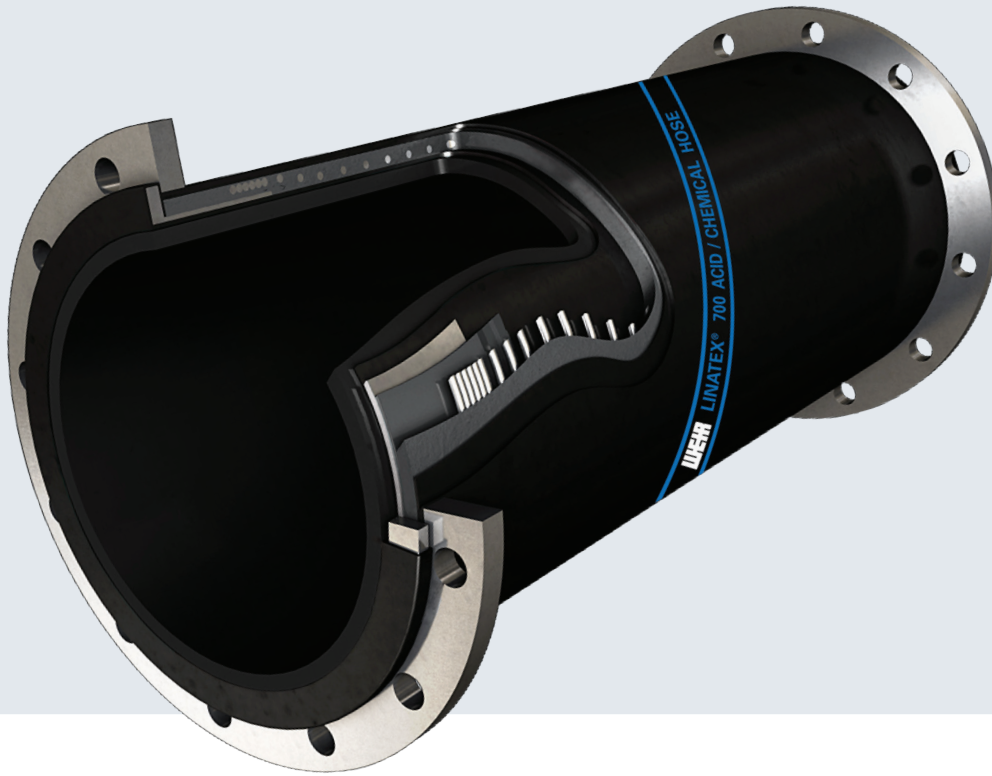


Linatex® Acid/Chemical Hose (700)

Technical Specifications



Minerals



Applications

Pumping and transfer of abrasive and corrosive acids/chemicals for:

- Acid or alkaline leach circuits at atmospheric or pressure
- Effluent plants
- Fertiliser plants
- Pulp and paper plants

Customised abrasion and corrosion resistance

The Linatex® 700 acid/chemical hose is tailor-made to handle abrasive acid and chemical process applications. Our in-house Linatex® Rubber Technical Consultants have the expertise to deliver the best design for every application or duty.

Each hose is individually designed to suit the specific process parameters with every element of the hose construction able to be customised. This ensures it delivers prolonged performance and reliability in handling these aggressive fluids.

The hose design is constructed through a hot-vulcanisation process and is available as a suction-delivery or delivery only design. The inbuilt end connection options include fixed or swivel flanges, with swivel flanges available in a range of materials including super duplex, stainless steel or our standard carbon steel offering.

Design Features

- Tailored designs for abrasive and corrosive acid/chemical applications
- Manufactured with a broad range of flange materials to suit the application
- High tensile reinforcement with a steel wire helix

Properties

- Nominal bores from 50mm (2") to 1000mm (40")*
- Lengths up to 15m (50ft)**
- Operating temperature -35°C to +105°C (-31°F to +221°F)
- Suction and discharge applications
- Compounds include SBR, OSR, Neoprene, EPDM, and Chlorobutyl liner options
- Typical bend radius of 8 times the internal diameter

* Custom internal diameters are also available.

** Product specifications are subject to regional variations.

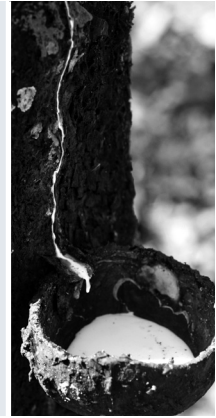




Wear liner composition is critical to the performance of your Linatex® rubber hose. With over 90 years of rubber manufacturing experience, we have the expertise to select the best compound for your specified application.

Our superior Linatex® rubber compounds provide your application with outstanding wear resistance and extended wear life. This is designed to achieve the lowest total cost of ownership for all our hoses.

For more information, please refer to our range of Linatex® rubber technical specification sheets.



Typical Physical Properties

NOMINAL BORE		TYPICAL WEAR LINER THICKNESS		WORKING PRESSURE	BEND RADIUS	
mm	in	mm	in		mm	ft
50	2	6	¼	Atmospheric Pressure to 5000 kPa	400	1.31
75	3	6	¼		600	1.97
100	4	6	¼		800	2.62
125	5	6	¼		1000	3.28
150	6	6	¼		1200	3.94
200	8	6	¼		1600	5.25
250	10	10	⅜		2000	6.56
300	12	10	⅜		2400	7.87
350	14	10	⅜		2800	9.19
400	16	12	½		3200	10.50
450	18	12	½		4050	13.29
500	20	12	½		5000	16.40
600	24	12	½		7200	23.62