

# Linatex® Soft Wall Slurry Hose (806)

Technical Specifications

**WEH**

## Minerals



### Applications

Pumping and transfer of abrasive slurries under pressure for:

- Mineral sands stacker lines
- Sand and gravel transfer
- High pressure tailings lines
- Intake and discharge connectors

## A durable and robust hose

The Linatex® 806 soft wall slurry hose is a durable, non-wire hose construction manufactured specifically for discharge applications. The construction allows for flexibility under pressure and removes the risk of permanent deformation that may occur through mishandling or over-flexing of the hose. The robust design delivers performance and reliability in the most arduous of mining applications and protects your site asset from early failure due to external damage.

We understand that each of our customers has unique and specific requirements, so each of our hoses is custom manufactured to suit the duty at hand. Our flexible design and manufacturing versatility allows us to provide customised internal diameters, lengths, design pressures, and end coupling arrangements.

### Design Features

- Durable construction with high tensile reinforcement cord
- Allows for compression and rebound
- Inbuilt end connections
- Available with Linatex®, Linacure® or Linard® abrasion resistant internal wear liners
- Designed and manufactured to customer requirements

### Properties

- Nominal bores from 50mm (2") to 1000mm (40")\*
- Lengths up to 15m (50ft)\*\*
- Operating temperature -35°C to +75°C (-31°F to +167°F)
- Discharge duties only
- Typical bend radius of 12D



\* Custom internal diameters are also available.

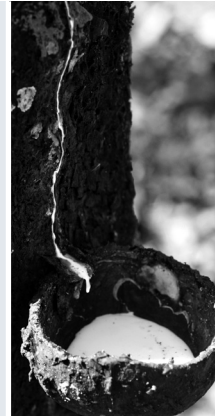
\*\* Product specifications are subject to regional variations.



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		kPa	mm
50	2	6	¼	Atmospheric Pressure to 5000 kPa	600	1.97
80	3	6	¼		900	2.95
100	4	6	¼		1200	3.94
125	5	6	¼		1500	4.92
150	6	6	¼		1800	5.91
200	8	6	¼		2400	7.87
250	10	10	¾		3000	9.84
300	12	10	¾		3600	11.81
350	14	10	¾		4200	13.78
400	16	12	½		4800	15.75
450	18	12	½		5400	17.72
500	20	12	½		6000	19.69
600	24	12	½		7200	23.62