

Linatex® Hard Wall Slurry Hose Bend (808-PHB)

Technical Specifications

WEH

Minerals



Applications

Pumping and transfer of abrasive slurries under pressure:

- Mineral processing plants
- Sand and gravel plants
- Tailings lines
- Oil Sands

Installation made easy

The Linatex® 808-PHB hard wall slurry hose bend range is renowned for its robust design and performance in delivering outstanding wear resistance in critical high wear applications. Manufactured to the same high standard as our 808 hard wall slurry hoses, our formed hose bends are custom produced to your required internal diameter, bend angle, radii and centre line to face requirements.

The hot-vulcanised manufacturing process provides a made-to-order formed hose bend that is designed to fit the application without the need for excessive flexing. And the inbuilt swivel flanges make installation extremely easy. Our Linatex® 808-PHB hard wall slurry hose bends are the product of choice for many customers.



Design Features

- Designed to achieve superior wear performance over traditional steel lined pipe bends
- Lining thickness can be increased without reduction in the internal diameter
- Available with an extensive array of diameters, bend angles and radii configurations and may be customised to your needs
- Available with Linatex®, Linacure® or Linard® abrasion resistant internal wear liners

Properties

- Nominal bores from 50mm (2") up to 1150mm (45")*
- 1.5D, 3D and 5D bends fully interchangeable with pulled steel bends**
- Operating temperature -30°C to +75°C (-22°F to +167°F)
- Safety factor of 4:1

* Custom internal diameters are also available.

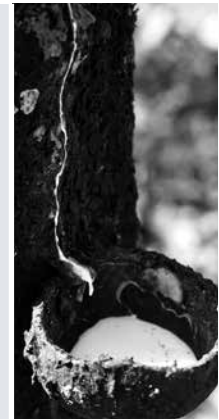
** Product specifications are subject to regional variations.



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 - 3D Bends

NOMINAL BORE (D)		TYPICAL WEAR LINER THICKNESS		RADIUS (R)		90° (A)		45° (A)	
mm	in	mm	in	mm	in	mm	in	mm	in
150	6	6	¼	457	18	607	23.9	339	13.3
200	8	10	¾	610	24	760	29.9	403	15.9
250	10	10	¾	762	30	912	35.9	466	18.3
300	12	12	½	914	36	1114	43.9	579	22.8
350	14	12	½	1067	42	1267	49.9	642	25.3
400	16	12	½	1219	48	1419	55.9	705	27.8
450	18	12	½	1372	54	1572	61.9	768	30.2
500	20	12	½	1524	60	1724	67.9	831	32.7
600	24	15	⅝	1829	72	2029	79.9	958	37.7

