

Linatex® Dredge Flex Hose (1000)

Technical Specifications

WEH

Minerals



Applications

Custom designed and tailored solutions ideal for:

- Gimbal or Trunnion hoses for hopper or suction cutter dredges
- Self-floater and flexible delivery hoses and sleeves for dredge lines
- Bow connection hoses for transfer from dredge and hopper
- Jetwater hoses on trunnion suction pipes
- Hose bends in dredge pump discharge

Heavy duty reliability

The Linatex® 1000 dredge flex hose range is designed to perform and provide outstanding reliability in the most extreme working environments. Tailor-made designs are custom produced to meet your unique needs. The hose's heavy duty construction reliably handles harsh dredging environments and each hose is designed for the specific application.

Engineered hoop hose construction is designed for maximum flexibility under vacuum conditions and incorporates fixed or double flanges to cater for high loads upon flexing. On the discharge line, the product offering ranges from short flexible dredge sleeves or flanged hoses that allow for flexibility between piping through to complete hose discharge lines.

The discharge lines may be supplied as self-floater designs that incorporate an in-built high density foam to support flotation, through to long length discharge hoses that are constructed to be supported by external polyurethane hose collars or pontoons.

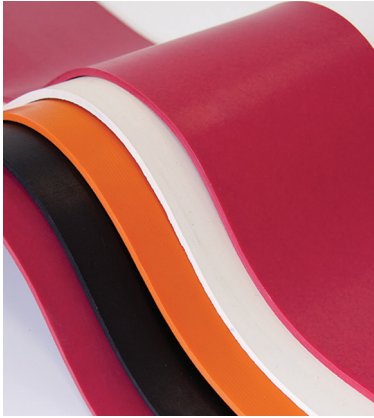
Design Features

- Heavy duty robust construction designed to handle large dredged particles
- Hoop ring or spring wire helix construction for flexibility or full vacuum during service
- Tailor made designs, including self-floater, suction dredge hose and flexible discharge hoses
- Suitable for slurries containing rock, shell and coral

Properties

- Nominal bores from 150mm (6") to 1200mm (47")*
- Lengths up to 11.8 metres (38ft)
- Working pressures up to 20 bar
- Safety factor of 4:1
- Flange options include fixed, swivel, double flange and built in nipple designs

* Custom internal diameters are also available.



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.



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