

At Townley,
+ Inspiration + Imagination
leads to Innovation!

TOWNIFLEX®

TOWNIFLEX® Flexible Rubber Hose

TOWNLEY

Engineering & Manufacturing Co., Inc.



Wear Solution

Townley offers a large selection of flexible material handling hose configurations for the toughest slurry applications. Especially suited for suction or discharge service in:

- **Mining:** Hydro-transport of matrix to the mill circuits, in-plant processing and tailings discharge.
- **Power Plants:** Ball mill chutes, scrubber recycle pumps, bottom ash transport, and FGD Circuits.
- **Dredging:** Sand, gravel mines, and off-shore reclaim.

Towniflex® hoses are the best solution for controlling expansion, contraction of pipe runs, reducing vibration, lessening noise at the pump, terrain following, and moving materials to various process elevation changes. All with extreme wear resistance and ease of use.



Integrity

One of the most critical aspects of construction is hose integrity. Townley uses a unique integrated nipple design that utilizes lock in rings. The nipples are united with the hose with heavy gauge wire latching through and between the rings, then fully bonded with rubber. The hose is hand built with the appropriate wear tube for various types of service, using alternating layers of fabric, rubber and reinforcement wire. The final assembly is vulcanized under pressure resulting in a homogeneous, high quality finished product with excellent wear characteristics.



Quality

People - Materials - Construction

Our custom rubber products are manufactured in our all new 80,000 square foot facility, making us one of the largest hose manufacturers in this part of the world. Using the finest materials available from North America, our skilled craftsmen hand build every hose to your exact specifications and requirements.

*An American made product,
built with pride!*



Towniflex® Hose

Utility - The **Series 6000** is the Flagship of the hose line with the best utility for most applications. This medium duty hose is available in lengths 5 - 50 feet and 3 - 40 inch ID. With excellent flexibility for discharge duty and light suction, this hose can handle up to 150 PSI operating pressure.

Heavy Duty - For higher pressure ratings and field piping, our **Mining-Flex** is considered the workhorse of mine sites both for Matrix tailings discharge circuits. Designed for 150 - 300 PSI operating pressures.

Heavy Duty Flex - When faced with severe bending, the **Super-Mining-Flex** also known as "Flex-pipe" by our customers would be a great choice. The ring design enables flexing with a maximum bend radius of seven times the ID without deforming or crimping the wear tube. This is especially valuable for severe terrain and hose articulation. Designed for 150 - 300 PSI operating pressures.

Suction - For in-plant use, the heavily wire reinforced **Series 1000** hose is the perfect choice for pump suction service available in shorter lengths for this dedicated application.

Special Use - For low pressure gravity feed, higher pressure applications, wear tube selection, flange styles, taps, drains or lifting lugs please contact our Towniflex® engineering department for assistance with your particular specifications.





Typical Applications

- Transport of slurry solids to the plant
- Suction and discharge of pit pumps, booster pumps, in-plant pumps and tailings pumps
- Dredging for sand & gravel mines and off-shore reclaim
- Cyclone underflow reject return to mill
- Buffering pump vibration
- Minimize the impact of terrain in rigid piping runs
- Simplify metal piping runs
- Reduce number of fittings
- Submersible pump discharge
- Ball mill feed chutes



Delivery and Service

Working directly with our customers, our in-house manufacturing capability allows us to construct custom built hoses with very quick turn-around to meet your time-frame. Townley does not buy and resale pre-manufactured hoses. Each hose, regardless of design, series or length is hand built.



TOWNIFLEX®

*Commit your work to the LORD, and then
your plans will succeed.
– Proverbs 16:3*



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FIP rev 03/21 2022