

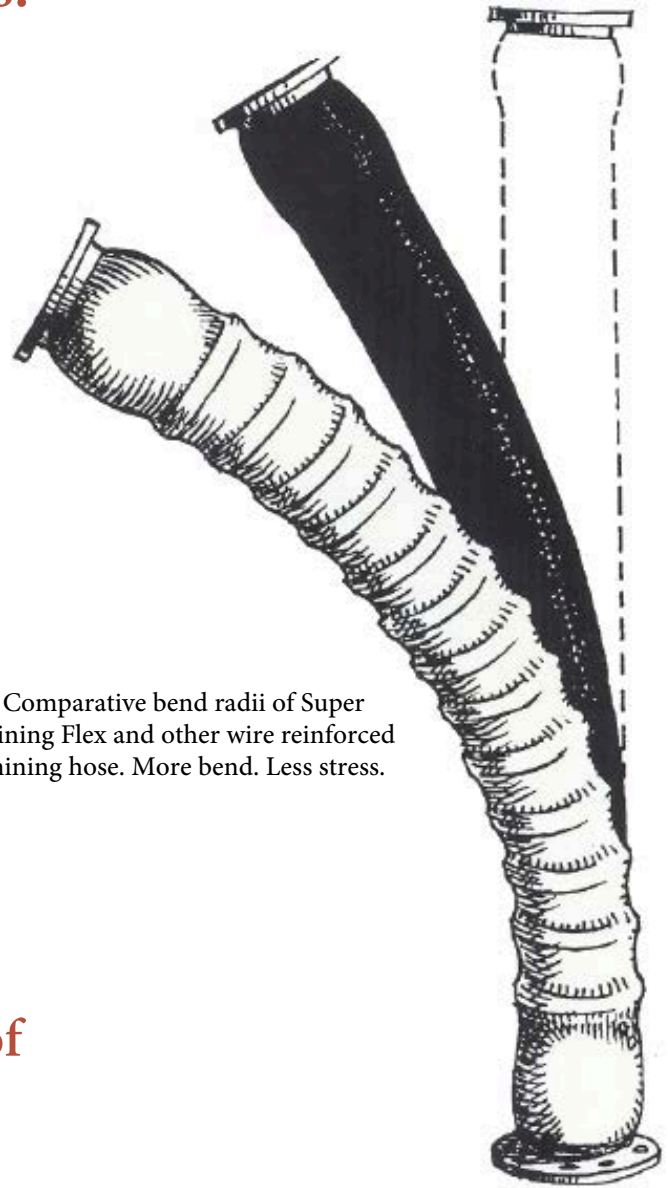
## Super Mining Flex Hose

### Super Mining Flex Key Features:

- Maximum working pressures to 300 PSI, with 3:1 safety factor
- Lengths up to 50'
- ID's from 3" to 36"
- Extra heavy-duty natural gum rubber or SBR tubes
- 1/4" to 1 1/2" thick wear tube
- Multiple layers of high tensile strength woven polyester cord fabrics
- Reinforced with high tensile, spring steel rings, equally spaced between nipples
- Weather and ozone resistant cover
- Extra long fabricated steel nipples with welded retaining rings and welded flanges on grooved ends
- Continuous tube and gaskets form an integral sealing system, leaving no metal exposed to slurry



Comparative bend radii of Super Mining Flex and other wire reinforced mining hose. More bend. Less stress.



### Why Use Super Mining Flex Instead of Other Hose?

- Greater flexibility than wire-reinforced hose
- A shorter bending radius results from unique steel ring construction
- Resists the kinking, and will not be damaged by over bending unlike other types of hose
- Handles a lot of movement and even some abuse without problems
- Heavier duty construction absorbs more pump noise and vibration

## Types of Rubber Used Depending on Applications

### Applications

- As a field, pit, or line pump suction hose Instead of piping in matrix or booster pump line

PHYSICAL PROPERETIES	Natural Rubber	SBR	NEO-PRENE	BUTYL
Durometer range	35-65	50-60	55-65	50-60
Tensile Strength, PSI	4000+	3000	3000	2000
Elongation %	≤700	500	≤800	≤600
Tear Resistance	Excellent	Good	Good	Fair
Abrasion Resistance	Excellent	Excellent	Good	Excellent
Flexibility	Excellent	Good	Good	Good
Rebound (cold)	Excellent	Fair	Very Good	Poor
Rebound (hot)	Excellent	Good	Very Good	Good

### Ordering Information

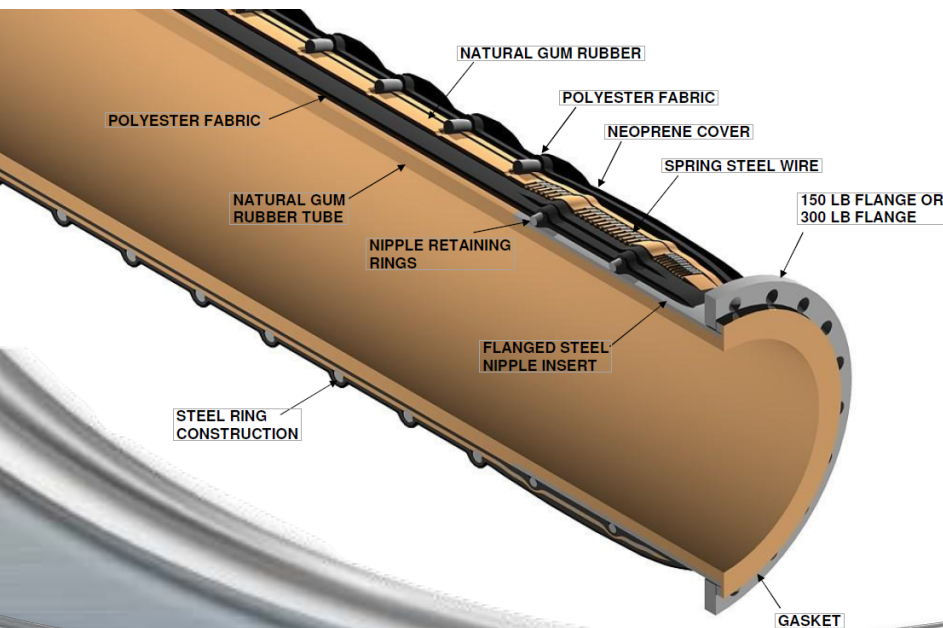
- Call 1-800-342-9920 or email [info@townley.net](mailto:info@townley.net)
- Ask for Super Mining Flex
- Specify length and ID needed
- Specify flange, tube, end, or configuration options, if desired

### CHEMICAL PROPERTIES

UV Ageing	Poor	Poor	Very Good	Very Good
Ozone Resistance	Poor	Poor	Excellent	Excellent
Acid Resistance (dilute)	Fair	Fair	Excellent	Poor
Oil & Gasoline	Poor	Poor	Good	Poor
Aliphatic Hydrocarbons	Poor	Poor	Good	Poor
Aromatic Hydrocarbons	Poor	Poor	Poor	Poor
Max Operating Temp °F	180°	180°	220°	220°

### Super Mining Flex Construction

Always check with Applications Engineering before choosing elastomer



### Options Available for the Super Mining Flex

#### Flanges

- 300#
- Rotating

1 (800) 342-9920

[www.townley.net](http://www.townley.net) [info@townley.net](mailto:info@townley.net)