

# JGB Enterprises

## Pump Hose

### Peristaltic Pump Replacement Hose



Peristaltic pump hose life is affected by 3 areas: Pump Conditions, Quality of the Hose, and Material Moving Through the Hose.

Hoses in peristaltic pumps generally fail due to fatigue between the rubber layers and the reinforcement. However, JGB's hoses are constructed using **Natural Rubber, EPDM, Nitrile Buna Rubber, or FDA Safe White & Tan Gum tube linings, multiple plies of high tensile polyester cord, and a smooth precision ground concentric cover**, reducing fatigue and increasing hose service life.

#### Construction

*Tube:* Natural Rubber, EPDM, Nitrile, FDA safe white and tan gum

*Reinforcement:* Multiple plies of high tensile polyester cord

*Cover:* Precision ground concentric cover

#### Features

- Hoses are available in Natural Rubber (NR), Nitrile Buna Rubber (NBR), FDA Food Grade NBRF, EPDM, Chlorosulfonated Polyethylene (CSM)
- 9 standard sizes from .39" to 3.94"
- Designed to maximize hose life, & optimize fatigue Strength
- Compatible with all manufacturers including, Periflex, Verder, Blackmer, Ponndorf, & Watson-Marlow / Bredel

#### Markets & Applications

- **Waste Water Treatment**  
*Metering of lime alum, & other chemicals, transferring sludge & filter press*
- **Agriculture**  
*Feed additives, animal vaccines, waste transfer*
- **Ceramic industry slurry transfer**
- **Chemical industry**  
*Corrosive acids, bases, & hydrocarbons*
- **Food & Beverage**  
*Breweries, wineries, dairy, sugar refining, bakeries, fish processing*
- **Mining**  
*Metering process chemicals, slurry transfer*
- **Paints & Coasting**  
*Metering of colors*
- **Paper & Pulp Transfer**  
*Metering of lime alum & other chemicals, transferring sludge & filter press*

Model	DIAMETER		LENGTH Inch	MAX WORKING PRESSURE	
	Id	Od		psi	bar
014-006	.39"	1.22"	20"	108	7.5
014-010	.59"	1.42"	30"	108	7.5
014-016	.98"	2.09"	39.5"	108	7.5
014-020	1.26"	2.40"	44.0"	232	16
014-024	1.57"	2.61"	58.7"	232	16
014-032	1.97"	3.15"	71.6"	232	16
014-040	2.56"	3.91"	92.0"	232	16
014-048	3.15"	4.80"	109.4"	232	16
014-064	3.94"	5.67"	128.7"	232	16

Liverpool Location ISO 9001:2015 Certified QMS by Intertek



JGB Enterprises, Inc.  
115 Metropolitan Dr.  
Liverpool, NY 13088

Phone (315) 451-2770  
Fax (315) 451-8503  
[www.jgbhose.com](http://www.jgbhose.com)