

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 10 mm to 100 mm
- 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	Nom ID		Nom OD		Length in	MAX WP psi
	mm	in	mm	in		
014-006	10	0.39	31.0	1.22	20.0	108
014-010	15	0.59	36.0	1.42	30.0	108
014-016	25	0.98	53.2	2.09	39.5	232
014-020	32	1.26	61.0	2.40	44.0	232
014-024	40	1.57	65.4	2.61	58.7	232
014-032	50	1.97	80.0	3.15	71.6	232
014-040	65	2.56	99.2	3.91	92.0	232
014-048	80	3.15	122	4.80	109.4	232
014-064	100	3.94	144	5.67	128.7	232



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