



**salem-republic rubber company**

A photograph of a large circular aeration tank at a water treatment plant. The water is turbulent and foamy, indicating active aeration. The tank is surrounded by concrete walls and metal railings. In the background, there is a brick building and a green field.

**Water Treatment Solutions**

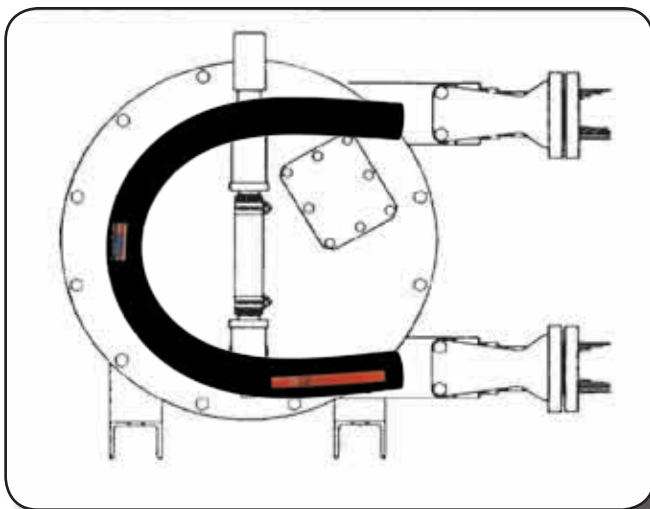


# Peristaltic Pump Hose

Salem-Republic Rubber Company builds peristaltic pump hoses that are compatible with all major positive displacement pump manufacturers and offers custom built hoses to accommodate your specific requirements. Our “No-Crush” poly carcass is constructed using multiple plies of high tensile cord reinforcements, and the smooth precision ground concentric cover insures optimum performance and consistent flows.



- **Sizes from 10mm to 150mm**
- **Smooth Precision Ground Cover**
- **Multi-ply High Tensile Cord Reinforcement**
- **Non-Standard or Custom Built Hoses Available**
- **Tube Compounds: Natural Rubber, EPDM, Nitrile (Buna-N), and FDA Safe White & Tan Materials**
- **For Watson-Marlow™, Blackmer™, Verder™, Ponndorf™, Periflo™, and all other Positive Displacement Pump Manufacturers**



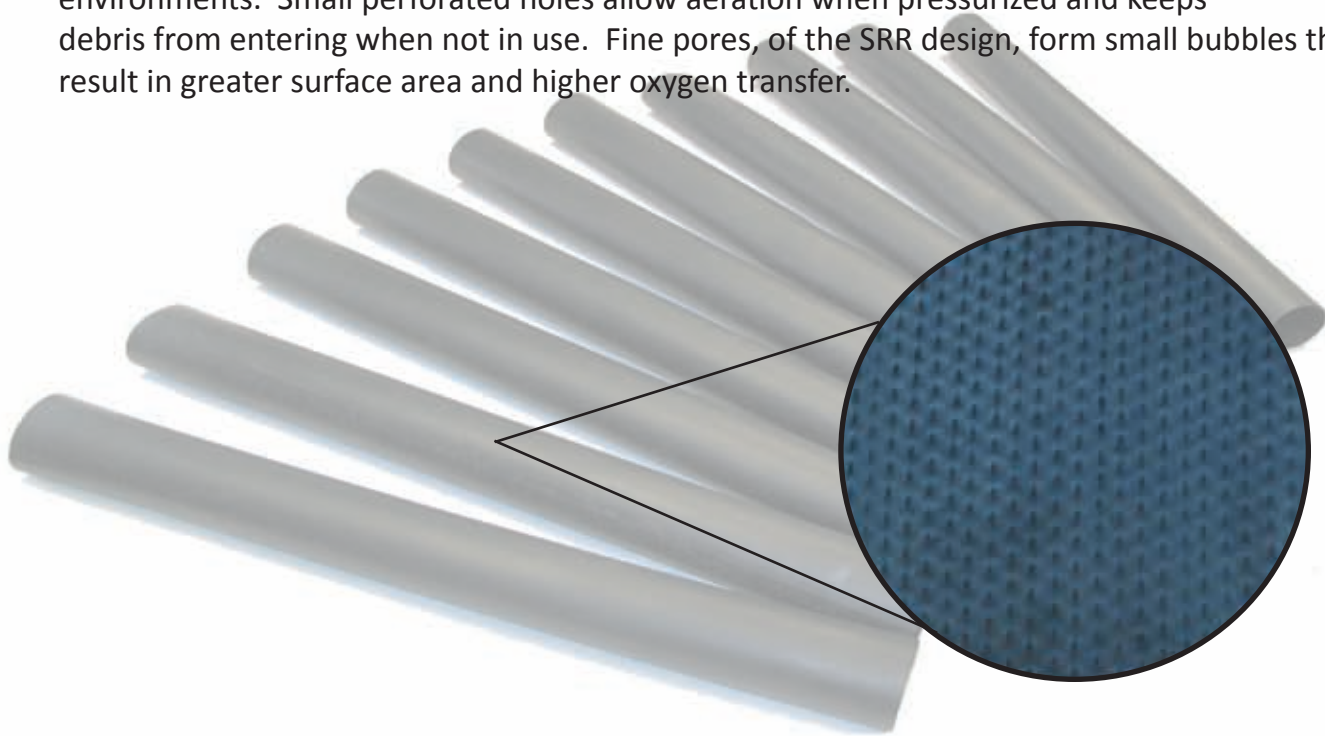
ID (mm)	OD (mm)	Length (mm)	ID (in)	OD (in)	Length (in)
10	31.0	508.0	0.39	1.22	20.0
15	36.0	762.0	0.59	1.41	30.0
25	53.2	1006.4	0.98	2.09	39.6
32	61.0	1250.9	1.25	2.40	49.2
40	66.4	1489.0	1.57	2.61	58.6
50	80.0	1820.8	1.96	3.14	71.6
65	99.2	2336.8	2.55	3.90	92.0
80	122.0	2781.3	3.14	4.80	109.5
100	144.0	3276.6	3.93	5.66	129.0

## Model Number Compatibility Chart

Peristaltic Pump Manufacturers	10mm	15mm	25mm	32mm	40mm	50mm	65mm	80mm	100mm
Albin Pump	ALH10	ALH15	ALH25	ALH32	ALH40	ALH50	ALH65	ALH80	ALH100
Allweiler	ASL 10	ASH/ASL15	ASH/ASL25	ASH 25	ASH 40	ASH 50	ASH 65	ASH 80	ASH 100
Blackmer	A10		A25		A/AX 40		A65	A/AX 80	A100
Periflo	PF 10	PF 15	PF 25	PF 32	PF 40	PF 50	PF 65	PF 80	PF 100
Ponndorf		PK 15	PK 25		PK 40	PK 50	PK 65		
Verderflex	VF 10	VD 15	VF 25	VF 32	VF 40	VF 50	VF 65	VF 80	VF 100
Watson-Marlow/Bredel	SPX10	SPX15	SPX25	SPX32	SPX40	SPX50	SPX65	SPX80	SPX100

# Tube Diffuser

Salem-Republic Rubber Company offers a low cost solution for replacing tube diffusers. The slip-on tube diffuser membrane provides an easy and efficient way to replace a tube diffuser without replacing the whole assembly. The EPDM rubber membrane gives long life in harsh environments. Small perforated holes allow aeration when pressurized and keeps debris from entering when not in use. Fine pores, of the SRR design, form small bubbles that result in greater surface area and higher oxygen transfer.



- **Water Treatment Applications**
- **EPDM Rubber Construction**
- **Standard Perforation (60 holes/in<sup>2</sup>)**
- **Customized Size Perforation Available**



# Water Decant Hose & Air Blower Hose

The Water Decant Hose is used as the flexible connection in the decant system of treatment tanks.

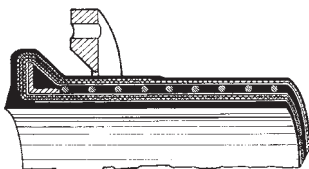
- Constructed of a Corrosion Resistant, Elastomeric Tube, Carcass and Cover
- Provided with Full-Face Duck and Rubber Flange or Beaded Ends with Back-up Rings
- Vol-U-Flex Corrugated Cover provides a Tighter Bend Radius



The Air Blower Hose is used to convey air to water treatment tanks.

- Tube & Cover Built with EPDM, Neoprene or other Custom Compounds
- Smooth or Vol-U-Flex Corrugated Cover
- Available with Plain Cut Ends, Flanges, Soft Cuffs, or Beaded Ends

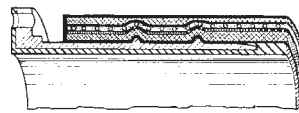
## End Connections:



Beaded end with Back-up Ring provides a rubber raised face for a complete seal without the need for a gasket.



SRR's Full-Face Duck and Rubber Flange provides a complete seal with an exclusive raised face, eliminating need for a gasket. All wetted surfaces are of the same compound as the hose lining.



The Built-In Steel Nipple provides a secure, high-strength fitting. Nipple ID matches hose ID, allowing full flow to minimize turbulence and pressure drop.



Soft Cuffs: Hard wall reinforced materials are removed from a portion of the hose end for optimum clamping surface.

Call us for a quote or visit our website for additional information.



TOLL FREE: 1-800-686-4199  
[www.salem-republic.com](http://www.salem-republic.com)

