

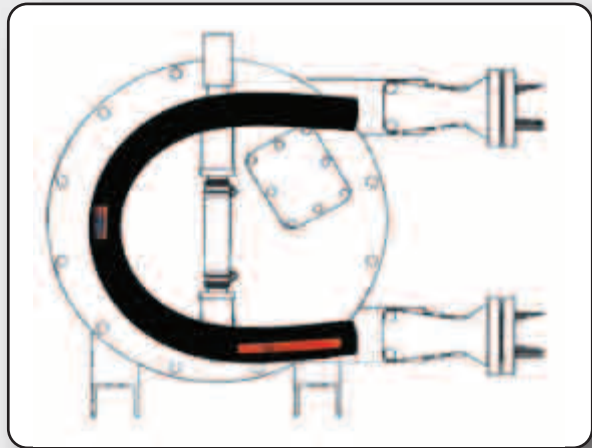


Water Treatment Solutions

Peristaltic Pump Hose

Bi-State Rubber, Inc. can provide you with peristaltic pump hoses that are compatible with all major positive displacement pump manufacturers and offer custom built hoses to accommodate your specific requirments. 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 consistant 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	53.0	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	ALL10	ASH/ASL15	ASH/ASL25	ASH25	ASH40	ASH50	ASH65	ASH80	ASH100
Blackmer	A10		A25		A/AX40		A65	A/AX80	A100
Periflo	PF10	PF15	PF25	PF32	PF40	PF50	PF65	PF80	PF100
Ponndorf		PK15	PK25		PK40	PK50	PK65		
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

Custom Rubber Conveyor Belting

Bi-State Rubber, Inc. specializes in manufacturing custom rubber conveyor belts, with a wide range of sidewall options.



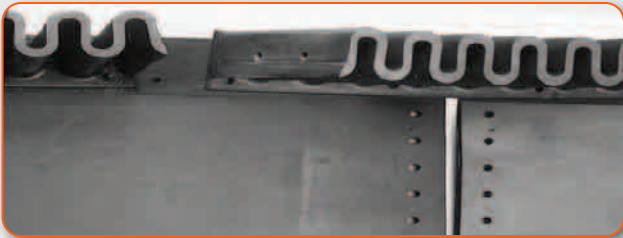
Corrugated Sidewall Belts



Solid Flange



Drilled / Slit / Bayed Out Flange

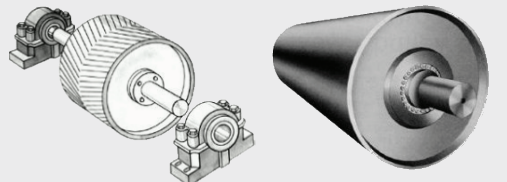
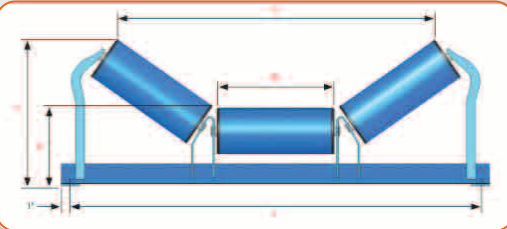


Flexowell®

FLEXOWELL pocket belts are designed specifically for each application, including extreme temperatures, abrasive materials, and your high tonnage needs. We stand behind the quality of our components, as well as, have the widest range of designs possible with sidewall heights up to 24" tall. Flexowell is the original developers of high incline conveying and has over 62,000 applications world wide. Bi-State Rubber is the exclusive North American manufacturer for the FLEXOWELL brand of Pocket Belts.

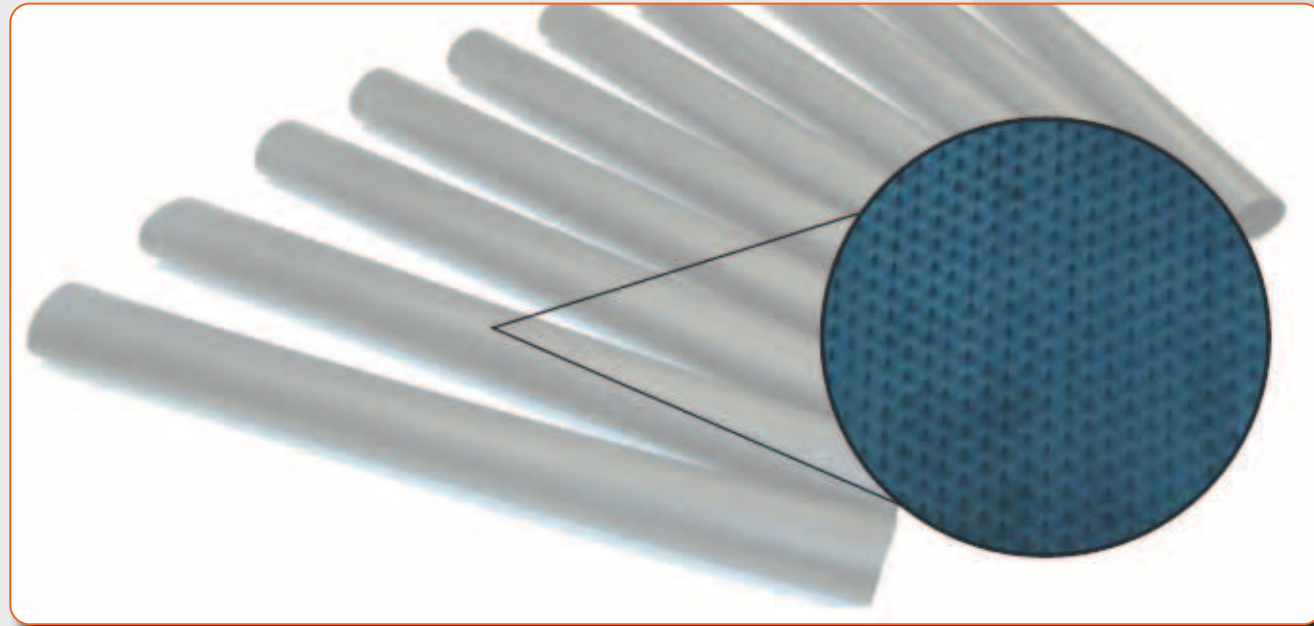


Pulleys / Idlers



Tube Diffuser

Bi-State Rubber, Inc. 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 Application
- EPDM Rubber Construction
- Standard Perforation (60 holes/in²)
- 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**

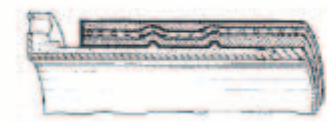
End Connections:



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



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.



Items offered to you by Bi-State Rubber.
Highlighted items are fabricated by Bi-State Rubber.

I. BELTING

- ✓ A. Flexowell Incline Pocket Belts
- ✓ B. Weigh Feeder Belts
 - 1. Vulcanized Endless
 - 2. Mechanical Fastner
 - a. Rubber Covered
 - b. Conventional Splice
- ✓ C. Corrugated Sidewall Belts
- ✓ D. Sampling Belts
- ✓ E. Conveyor Belting
- ✓ F. Elevator Belting
- ✓ G. Custom Cleated Belts
 - 1. Magnetic Separator Belts
 - 2. Tumble Belts/Mill Aprons
 - 3. Trencher Belting

II. BELTING HARDWARE & ACCESSORIES

- A. Flexco Fasteners
- B. Minet Fasteners
- C. Pulley Lagging
- D. Van Gorp Pulleys
- E. Conveyor System Idlers
- F. Skirtboard & Track Mount Skirting
- G. Argonics Belt Cleaning Systems
- H. Replacement Urethane Blades
- I. Conveyor System Covers
- J. Elevator Buckets & Bolts

III. SPOOL STYLE EXPANSION JOINTS

- A. Flanged Style
- B. Arch & Multiple Arch
- C. Tapered Eccentric, Concentric
- D. Slip Over Type
- E. Filled Arch & Open Arch
- F. Control Rods

IV. FLUE DUCT STYLE EXPANSION JOINTS

- ✓ A. Polymer Types (Viton, Florel, E.P.D.M. Neoprene)
- ✓ B. Fluoroplastic Types (Teflon, TFE)

- ✓ C. Composites (Hi-Temp)
- ✓ D. Insulation Pillows/Accumulation Barriers
- E. Metal Work (Baffles, Flanges, Back-Up Bars, Replacement Duct Work)

V. RUBBER PRODUCTS & URETHANE

- A. Sponge Rubber
- B. Sheet Rubber
- C. PSA Backed Rubber
- D. Rubber Matting
- E. Chute Lining
- F. Urethane Sheets
- G. Urethane Rollers
- H. Molded Rubber and Urethane Parts

VI. HOSE PRODUCTS & ACCESSORIES

- A. Vacuum hose
- B. Vacuum Truck Fittings, Nozzles & Accessories
- C. Material Handling Hose
- D. Flexible S.S. Hose & Fittings
- E. Steel & Aluminum Tubing
- F. Dredge Sleeves
- G. Pinch Valves
- H. Flexible Ducting
- I. Dust Hose
- J. Hose Couplings

VII. MISCELLANEOUS

- A. Variety of Bellow Products
- B. Silicone & Viton Rubber
- ✓ C. Tanker Truck Air Pads
- D. Air Slide Belt
- E. Specialty Rollers
- F. Belt Clamps
- G. Hi-Temp Insulating and Protective Covers & Guards
- ✓ H. Hi-Temp Gaskets & Seals
 - I. Power Transmission Belts
 - J. Power Transmission Hardware