

B W W R H
MECHANICAL RUBBER GOODS



**BOSTON WOVEN HOSE
& RUBBER COMPANY**

BOSTON WOVEN HOSE & RUBBER COMPANY

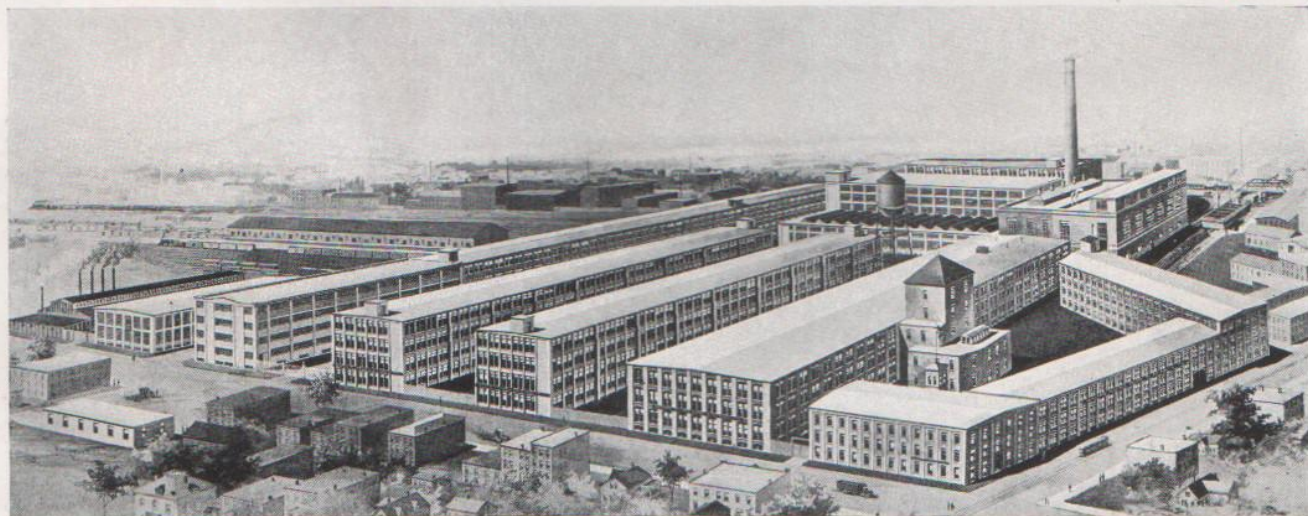


Two pictures, one story. The story covers slightly more than fifty years. It deals with the consistent effort of a manufacturing organization to serve the needs of industry in mechanical rubber goods. The two pictures sufficiently tell the story, for they show in graphic form the progress and performance which have made it possible. It is our intent to have you find these purposes reflected in every product of this organization and in all your dealings with every member of it.



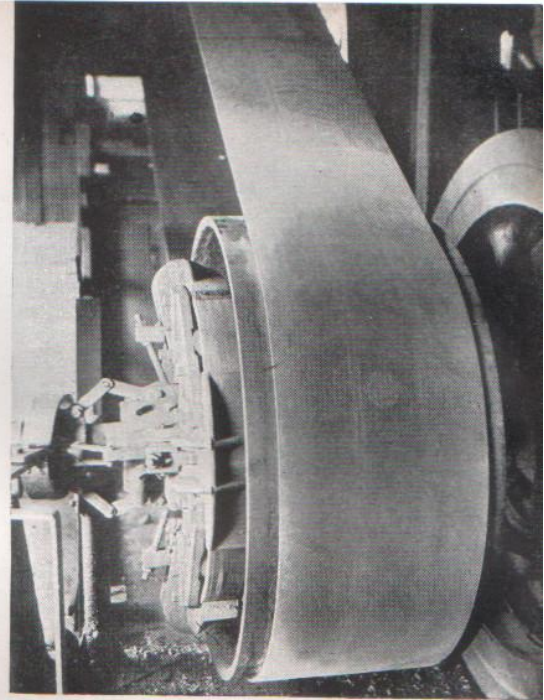
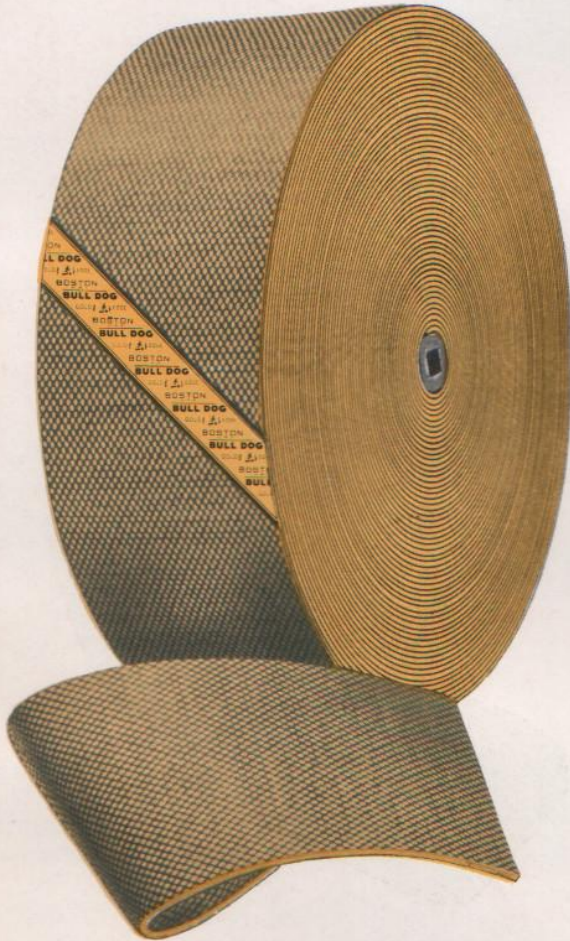
1878

1934



TRANSMISSION BELTING

BULL DOG *Gold Edge*
The Gold Standard of Belt Value



CONSTRUCTION Entirely of strong, closely woven, silver hard duck, with the strongest friction and skim coat adhesion between the plies. Each ply is a continuous full width from one edge to the other, without folds, seams or splices; uniformly strong throughout. Edges cemented with rubber. Friction surface.

APPLICATION For the severest requirements of drive and endurance. Edges protected against moisture, dust, and fumes. Extreme and uniform flexibility to meet difficult driving conditions. Runs either side to the pulley. Best duck construction known for holding fasteners. Widely used in

- Paper and Board Mills: for beaters, jordans, chippers and cone drives.
- Stone Crushing Plants: for gyratory and roll and jaw crushers.
- Cement Mills: for crushers, pulverizers, tube mill drives.
- The Lumber Industry: for edgers, planers, hogs, band mills, main drives.
- Ore Crushing and Refining Plants: for crushers, pumps, rolls and mills.
- Brick Plants: for pug mills, dry pans, feeders, blowers.
- The Textile Industry: for looms, pickers, cards, slubbers, warpers.
- Planing Mills: for planers, floor matchers, sanders, edgers.

SIZES All standard widths up to and including 60" and any number of plies to meet specified conditions
Made endless, if desired.


BOSTON WOVEN HOSE & RUBBER COMPANY  **P.O. ADDRESS BOX 1071, BOSTON, MASS., U.S.A.**

TRANSMISSION BELTING

PERFECTION *Gold Edge*

The Most Flexible Belt Made

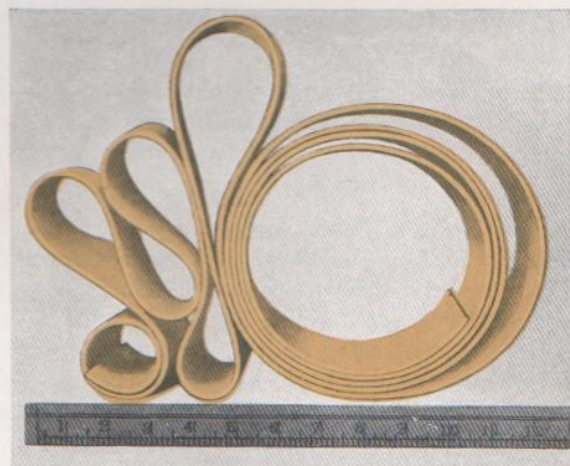
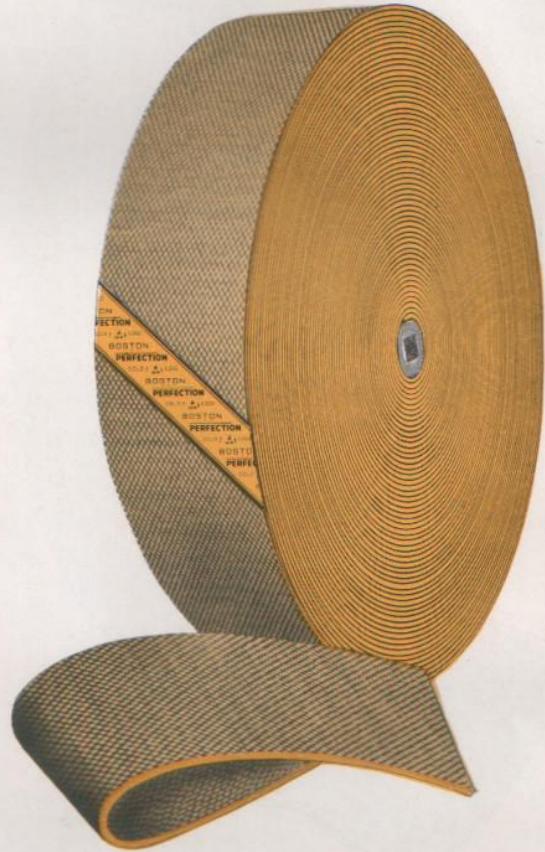
No Speed too High — No Pulley too Small



CONSTRUCTION Built on a proved principle — many plies of relatively light weight duck instead of a few plies of heavy duck. The duck is a special weave of extra strong cotton and is continuous from edge to edge, without folds, seams or splices; the edges are cemented with rubber. The friction is of exceptional strength. Unique characteristics give unusually high coefficient of friction.

APPLICATION For requirements of extreme flexibility, high speed, smooth travel and sure grip. Low stretch, giving greater power capacity and less maintenance cost. Unaffected by normal heat, cold, steam, or moisture. Unusual resistance to any ordinary chemical action. Widely used in the lumber industry, and especially adapted to wood-working machinery; also for motor fan and centrifugal pump drives. Unexcelled for extractor belts in laundries and an especial favorite in textile mills as it is not affected by artificial humidifiers.

SIZES All standard widths and any number of plies to meet specified conditions. Made endless if desired.



THIS IS A 6"—7 PLY PERFECTION BELT

Note its extreme flexibility. The entire section of the belting being rolled and coiled within a space of less than 12 inches.

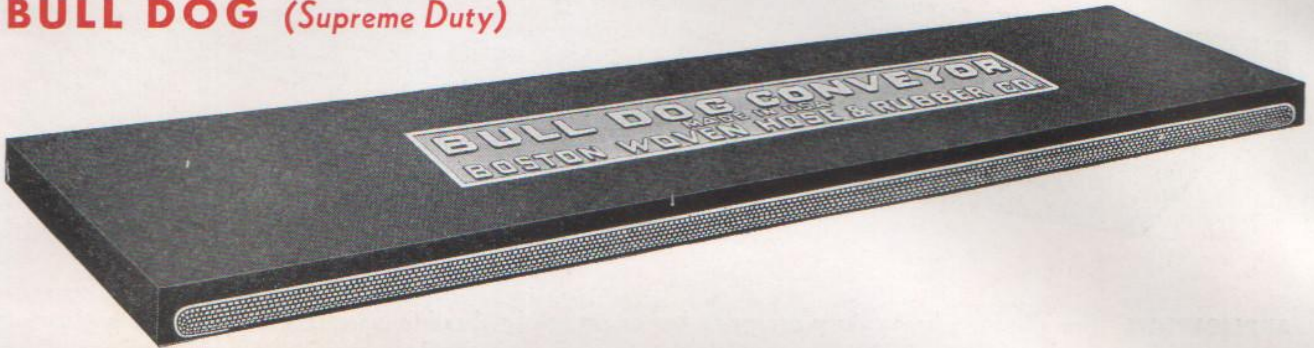
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CONVEYOR BELTING

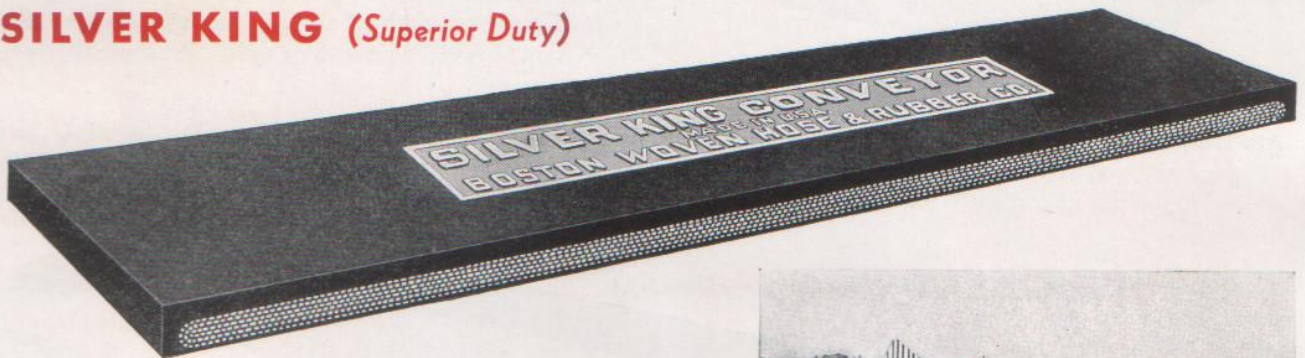
BULL DOG (*Supreme Duty*)



CONSTRUCTION Weight of duck—28, 32 and 36 oz. Tensile strength of covers—3500 to 4000 lbs. Friction between plies—20 to 24 lbs. Breaker strip when specified.

APPLICATION For the heaviest duty jobs of the most difficult character. The belt to specify for ores of all kinds, crushed rock, and all excessively abrasive conditions. Designed to take the extremes of weight, abrasion and general punishment as found in mines and quarries handling the heaviest and hardest lump ore and stone.

SILVER KING (*Superior Duty*)



CONSTRUCTION Weight of duck—28, 32 and 36 oz. Tensile strength of covers—2500 to 3000 lbs. Friction between plies—16 to 19 lbs. Breaker strip when specified.

APPLICATION For all service except exceedingly abrasive conditions requiring Bull Dog quality. An excellent belt for plants handling crushed stone, broken glass, sharp sand, cement rock, lump coal, char, wet sugar and for all similar duty.

BOSTON WOVEN HOSE & RUBBER CO., BOSTON, MASS.

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CONVEYOR BELTING



AUROCHS *(Hard Duty)*



CONSTRUCTION Weight of duck—28, 32 and 36 oz. Tensile strength of covers—1400 to 2000 lbs. Friction between plies—12 to 15 lbs. Breaker strip when specified.

APPLICATION For all-round heavy duty excepting hot or extremely abrasive materials, or wherever installations are required for conditions a little more difficult than average. An excellent belt for coarse gravel, sand, hard coal and ordinary stone and rock.

IRON CLAD *(Average Duty)*



CONSTRUCTION Weight of duck—28 and 32 oz. Tensile strength of covers—800 to 1000 lbs. Friction between plies—12 to 15 lbs. Breaker strip when specified.

APPLICATION Extremely popular because it meets so many average conveyor conditions. For handling small sized ore and stone, ordinary sand and gravel, coal, cement, lime, chips, pulp, fine crushed stone and general service of this character.

CANNERS BELT *(White or Black)*



CONSTRUCTION Plies of 24 or 28 oz. duck, bound together with high grade rubber compound. Rubber cover, white or black.

APPLICATION For sanitary handling of food products in packing houses, canning factories, bakeries and dairies. A highly durable and serviceable belt. Stainless and easily cleaned. Highly resistant to fruit juices and similar liquids. Facilitates inspection and sorting. Made with white cover for easy maintenance of sanitary requirements, with black cover for conveying cans or packages.

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WATER HOSE ▲▲▲▲▲▲▲▲▲▲

BULL DOG *Wrapped Duck*



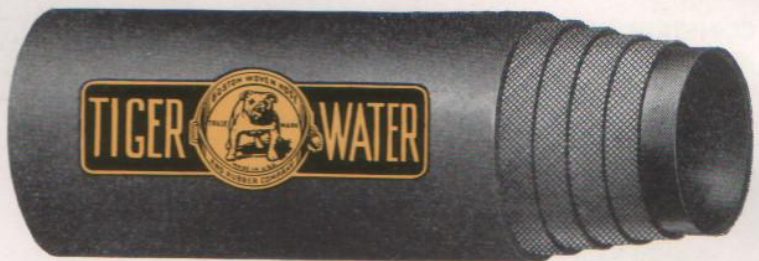
CONSTRUCTION Tube of best grade rubber. Carcass built with plies of extra strong rubberized duck. Highest quality water hose cover made.

APPLICATION As water conduit. Suitable under adverse conditions. Widely used in industrial plants and construction work of all kinds. Furnished in all standard sizes — 50 ft. lengths.

TIGER *Wrapped Duck*

CONSTRUCTION High grade rubber tube strongly plied with rubberized duck. Good tough cover.

APPLICATION For general service. Fully equal to many "first quality" grades. Furnished in all standard sizes—50 ft. lengths.



STANDARD WATER HOSE LIST

WRAPPED CONSTRUCTION

	2 Ply	3 Ply]	4 Ply	5 Ply	6 Ply]		2 Ply	3 Ply	4 Ply	5 Ply	6 Ply
1/2"		\$0.25	\$0.30			3 1/2"	\$1.40	\$1.75	\$2.18	\$2.62	
3/4"		.30	.37			4"	1.60	2.00	2.50	3.00	
1"	\$0.33	.40	.50	\$0.62	\$0.75	5"	2.00	2.50	3.12	3.75	
1 1/4"	.42	.50	.62	.77	.93	6"	2.40	3.00	3.75	4.50	
1 1/2"		.60	.75	.93	1.12	7"	2.80	3.50	4.38	5.25	
2"		.80	1.00	1.25	1.50	8"	3.20	4.00	5.00	6.00	
2 1/4"		.90	1.12	1.40	1.68	9"	3.60	4.50	5.62	6.75	
2 1/2"		1.00	1.25	1.56	1.87	10"	4.00	5.00	6.25	7.50	
3"		1.20	1.50	1.87	2.25						

Sell Garden Hose when 1/2 or 3/4 inch Water hose is required. Unless specified some comparative grade of garden hose will be furnished on orders for 1/2 and 3/4 inch Water hose.

VIM *Molded Braided*

CONSTRUCTION

High grade rubber tube with spirally braided cord plies imbedded in rubber layers. Thick rubber cover.

APPLICATION

For general use where high grade water hose of molded construction or long lengths is preferred. Extremely pliable.

SIZES

2 braid: 1", 1 1/4", 1 1/2". 3 braid: 3/4", 1", 1 1/4", 1 1/2". Lengths, all sizes: 25, 50, 75, 100 ft. 1 1/4", 1 1/2": 300 ft. coils. 3/4", 1": 250 and 500 ft. coils.



HIGHWAY AND INDUSTRIAL HOSE ▲▲▲▲

BULL DOG HIGHWAY



Bull Dog Jetting Hose is same as Bull Dog Highway but made in larger sizes. For hydraulic flushing under the highest pressures. Sizes—2½"—7 ply; 3"—8 ply. 50-ft. lengths.

CONSTRUCTION Entire rubber content of hose made of one quality—the very highest. Light in weight for easy handling but strong enough for the hardest service because of strong duck plies and extra thick cover.

APPLICATION For road builders and all construction work. It stands abuse and gives lasting service challenging all competition. Durable almost beyond belief, yet flexible and resilient, and so light in weight that it will float in water.

SIZES 1¼"—5 ply; 1½"—6 ply; 2"—7 ply. 50-ft. lengths.

BULL DOG PAPER MILL

CONSTRUCTION Only the very finest rubber in tube, friction and cover—one quality throughout. Plies of best grade duck. Cover extra thick.

APPLICATION For washing down on paper machines. Stands rough handling and kinking because of extreme flexibility. Not affected by usual industrial chemicals. The most economical hose on a service basis.



SIZES ¾"—3 ply. 1", 1¼", 1½"—4 ply. 2"—5 ply. 50-ft. lengths. Furnished in all sizes with capped ends or built-on rubber nozzle.



BULL DOG BREWERS Wrapped Duck

CONSTRUCTION Extra thick tube of specially compounded white rubber, reinforced with plies of rubberized duck. Thick white rubber cover.

APPLICATION For conducting liquids in breweries, wineries and distilleries. Suitable for discharge and light suction. Smooth bore, to avoid agitation of liquors passing through. The white rubber used imparts no taste, odor or discoloration.

SIZES 1", 1¼"—4 ply. 1½", 2"—5 ply. 2"—6 ply. 50-ft. lengths. Sold from Steam Hose List.

BULL DOG CREAMERY Wrapped Duck

CONSTRUCTION Special hot water resistant rubber tube encased in plies of rubberized duck. Cover securely anchored by a ply of open weave fabric. White sanitary rubber cover compounded to resist fats and greases, and tough to drag over cement floors.

APPLICATION For use in creameries, dairies and food plants.

SIZES ½", ¾", 1", 1¼", 1½"—4 ply. Lengths, 25, 50 ft. Can be furnished in all sizes with capped ends or built-on rubber nozzle.

Also furnished in same sizes, somewhat lighter throughout, under Tiger Brand



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STEAM HOSE

BULL DOG Wrapped Duck



CONSTRUCTION Thick rubber tube reinforced with plies of specially tightly woven first quality duck, bonded by high grade rubber friction. Extra thick, extra tough cover. Highly heat-resistant throughout.

APPLICATION For the very hardest service in steam conveying. The quality and manner of applying the fabric used controls expansion and reduces strain, and the quality of the rubber minimizes deterioration.



TIGER Wrapped Duck

CONSTRUCTION

Similar to Bull Dog but not quite as heavily built.

APPLICATION

For general steam operation. Fully comparable to average first grades.

LEADER Wrapped Duck



CONSTRUCTION Similar in type to Tiger Steam Hose, but of lighter construction.

APPLICATION For average steam hose conditions at moderate pressures. Notable for endurance and value in its class.

SIZES AND WORKING PRESSURES

Sizes	Working Pressures (lbs.)		
	Bull Dog	Tiger	Leader
½" 4-ply	150	125	100
½" 5 "	160	140	110
¾" 4 "	120	105	90
¾" 5 "	140	120	100
¾" 6 "	160	140	
1" 4 "	100	90	80
1" 5 "	120	105	90
1" 6 "	140	120	
1¼" 5 "	105	90	80
1¼" 6 "	120	105	90
1½" 5 "	90	80	70
1½" 6 "	100	90	80
2" 6 "	85		

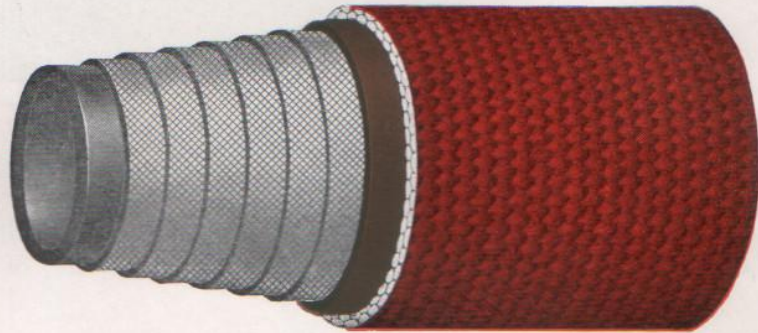
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STEAM HOSE

BULL DOG PILE DRIVER

Jacketed



CONSTRUCTION Same as Bull Dog Steam Hose. Oil and heat-resistant tube; ends specially reinforced. Further strengthened by heavy woven cotton jacket.

APPLICATION For pile driver and allied uses. Built to withstand the continuous action of steam and attendant condensation. The protective jacket is treated and painted.

SIZES 1½" — 6 ply; 2" — 7 ply. 50-ft. lengths.

PARAMOUNT *Outer Braid*



CONSTRUCTION Steam-resistant rubber tube, wrapped with plies of duck with one outer braided ply anchoring the tough rubber cover.

APPLICATION For general steam operation where outside abrasive action is excessive. Highly resistant to the destructive action of steam, and to rough handling. For those who prefer a composite type of hose.

SIZES All standard sizes. 50-ft. lengths.

STANDARD STEAM HOSE LIST

	3 Ply	4 Ply	5 Ply	6 Ply	7 Ply	8 Ply
½ inch	\$0.47	\$0.56	\$0.70	\$0.84	\$0.98	\$1.12
¾ inch	.57	.71	.87	1.05	1.23	1.41
1 inch	.70	.87	1.07	1.28	1.50	1.70
1¼ inch	.85	1.04	1.30	1.56	1.82	2.08
1½ inch	1.02	1.25	1.56	1.87	2.18	2.50
2 inch	1.34	1.66	2.07	2.49	2.90	3.32
2¼ inch	1.50	1.87	2.33	2.80	3.27	3.74
2½ inch	1.66	2.08	2.60	3.12	3.64	4.16
3 inch	2.00	2.80	3.50	4.20	4.90	5.60

BOSTON WOVEN HOSE & RUBBER COMPANY



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APRONS Rubber	Automobile Washing Chemical Clamps Contractors Cotton Rubber Lined Couplings — Steam and Water Dredging and Sand Suction Drilling Fire Fittings Florist Forestry Garage Air Garden Gasoline or Oil Golf Club Linen Mill Oil — Nipples — Expanded Oil Discharge Oil Suction Oil Well Rotary Drilling Sand Blast Sand Suction Spray Suction Underwriters' Vacuum Welding	NIPPLES
AUTOMOBILE Hose Mats and Matting Topping—Rubberized Fabric	LININGS Chute	NOZZLES Brass Fire Hose Garden Hose
BELTING Elevator — Bucket Elevator — Grain Oil Field	MATS AND MATTING Rubber	PACKING
BELTS Endless Hog Beater and Paddles	MATTING Automobile	PIPES Brass Hose
BLANKETS Rubber		PONCHOS
BUSHINGS		PULLEY Lagging
COUPLINGS Expansion — Ring Hose Oil Field Hose		REDUCERS
DOOR Mats		RUBBERIZED Fabrics
FABRIC Rubberized		SHEETS Rubber
FITTINGS Pipe		SPANNERS
HOSE Acid Agricultural Suction Automobile Heater Automobile Radiator		STUFFING BOX Rings
		TAPE Rubber and Friction
		TREADS Stair
		TUBING Milking Machine
		WASHERS Hose

BOSTON WOVEN HOSE & RUBBER COMPANY

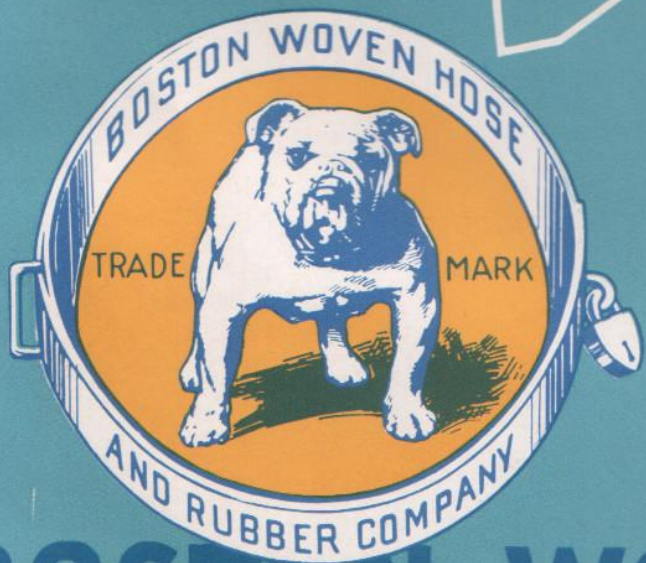
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Chicago Office and Warehouse: 111 N. Canal St.
New York Office: 30 Church St.

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BROWN MECHANICAL RUBBER GOODS



**BOSTON WOVEN HOSE
& RUBBER COMPANY**