



DREDGE

Product	Page	Size	W.P.	Tube	Cover	Description
ES907	27	4" - 18"	150 - 200	¾" Natural Rubber	SBR	Dredge sleeve designed for in-line dredge discharge service.
ES908	27	4" - 18"	150 - 200	½" Natural Rubber	SBR	Dredge sleeve designed for in-line dredge discharge service.
EW708	28	4" - 18"	150 - 200	¾" Natural Rubber	SBR	Rugged in-line flexible connector for dredging and sand suction applications.
EW709	28	4" - 18"	150 - 200	½" Natural Rubber	SBR	Rugged in-line flexible connector for dredging and sand suction applications.

ES907 DREDGE SLEEVE - 3/8" NATURAL RUBBER TUBE

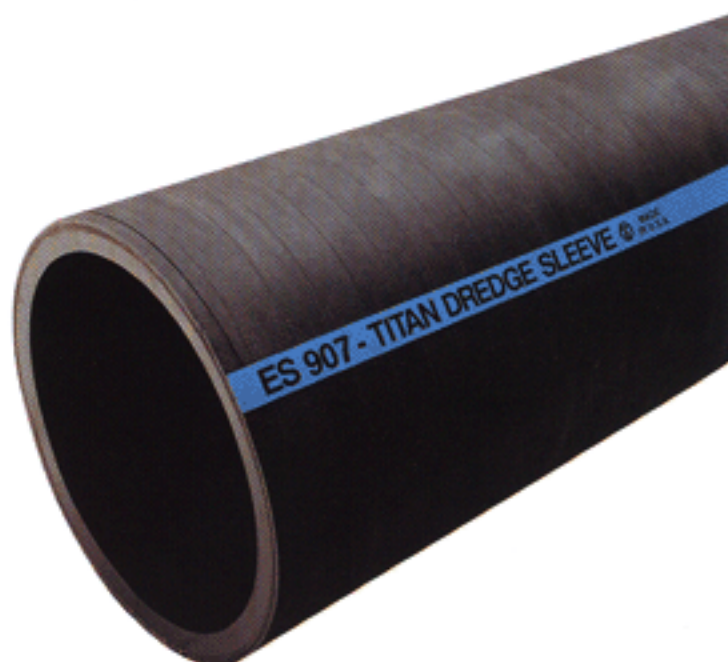
- Dredge hoses designed specifically for discharge service as a flexible connector between lengths of pipe to handle the shifting and twisting of pontoons caused by water movement.
- Excellent for conveying dredged materials to shore.

Tube: 3/8" Black Natural Rubber.
Reinforcement: High strength tire cord.
Cover: SBR.
Temperature: -40° to +150°F.

I.D.	O.D.	REINFORCEMENT	WORKING PRESSURE PSI	WEIGHT LB/FT
4"	5 1/8"	2 plies	200	3.50
4 1/2"	5 5/8"	2 plies	200	3.90
5"	6 1/8"	2 plies	150	4.30
6"	7 5/16"	4 plies	150	6.10
6 5/8"	7 7/8"	4 plies	150	7.00
8"	9 5/16"	4 plies	150	8.30
8 5/8"	10"	4 plies	150	8.90
10"	11 5/8"	6 plies	150	12.00
10 3/4"	12 3/8"	6 plies	150	12.70
12"	13 5/8"	6 plies	150	14.40
12 3/4"	14 3/8"	6 plies	150	16.00
13 1/4"	14 7/8"	6 plies	150	17.00
14"	15 5/8"	6 plies	150	18.50
16"	17 7/8"	8 plies	150	23.00
18"	19 7/8"	8 plies	150	26.00

Custom Made Hose Product

Various tube gauges and working pressures available upon request.



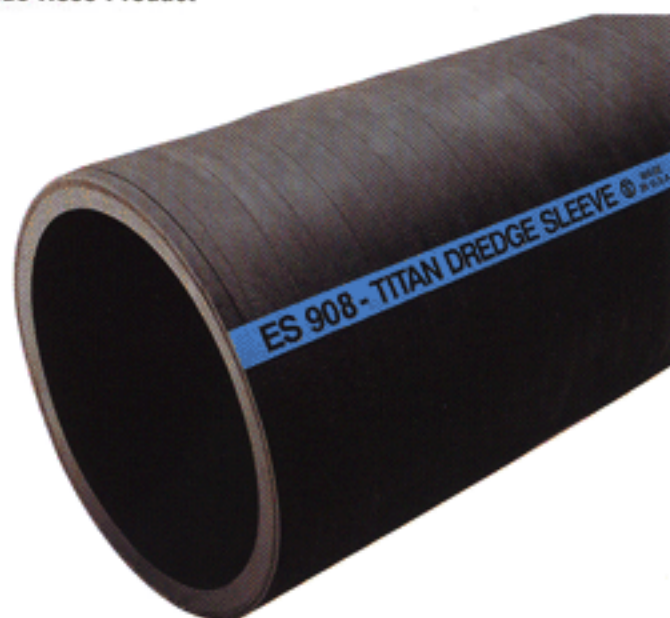
ES908 DREDGE SLEEVE - 1/2" NATURAL RUBBER TUBE

- Dredge hoses designed specifically for discharge service as a flexible connector between lengths of pipe to handle the shifting and twisting of pontoons caused by water movement.
- Excellent for conveying dredged materials to shore.

Tube: 1/2" Black Natural Rubber.
Reinforcement: High strength tire cord.
Cover: SBR.
Temperature: -40° to +150°F.

I.D.	O.D.	REINFORCEMENT	WORKING PRESSURE PSI	WEIGHT LB/FT
4"	5 1/2"	2 plies	200	4.40
4 1/2"	5 9/16"	2 plies	200	4.90
5"	6 1/4"	2 plies	150	5.40
6"	7 1/4"	4 plies	150	7.40
6 1/2"	8"	4 plies	150	8.00
8"	9 1/4"	4 plies	150	9.90
8 1/2"	10 1/4"	4 plies	150	11.00
10"	11 1/4"	6 plies	150	14.00
10 1/2"	12 1/8"	6 plies	150	15.10
12"	13 1/4"	6 plies	150	16.80
12 1/2"	14"	6 plies	150	18.00
13 1/2"	15 1/4"	6 plies	150	19.00
14"	15 3/4"	6 plies	150	20.00
16"	18"	8 plies	150	26.00
18"	20"	8 plies	150	30.00

Custom Made Hose Product



DETERMINING THE CORRECT DIAMETER

Dredge Sleeve diameters are normally selected to match the pipe size of a discharge pipeline. The hose I.D. must fit the pipe O.D. Dredge Sleeves are also available with enlarged ends on lengths greater than 30".

CHOOSING THE RIGHT TUBE THICKNESS

3/8" Tube	Light abrasion, sand, and small gravel.
1/2" Tube	Large gravel, abrasive materials, or to gain additional service life.

DETERMINING THE CORRECT HOSE LENGTH

Dredge Sleeves should be long enough to allow for misalignment, bending (free length of hose), and clamps at each end.

EW708 SAND SUCTION HOSE - 3/8" NATURAL RUBBER TUBE

Custom Made Hose Product

Additional tube gauges available upon request.



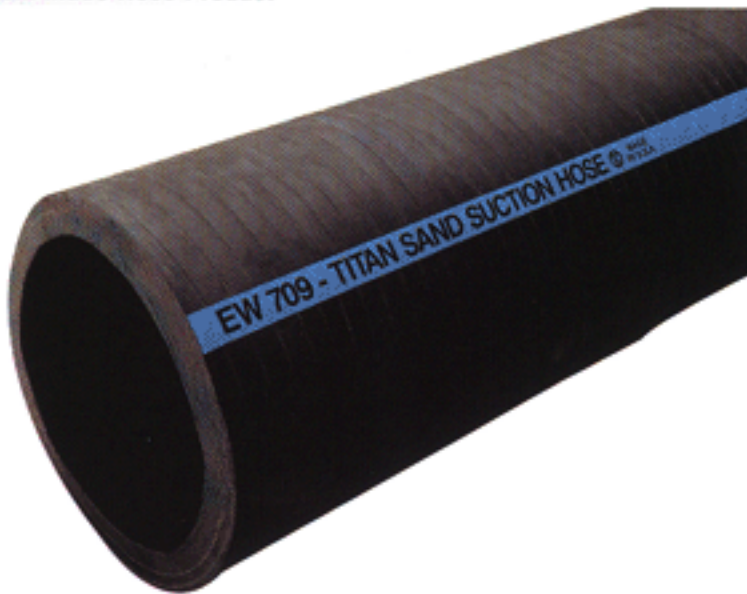
- Designed to connect moveable suction lines to pump inlets and add flexibility on dredge barges.
- Excellent for heavy duty sand suction applications, slurries, and abrasive materials.

Tube: 3/8" Black Natural Rubber.
Reinforcement: High strength tire cord with steel wire helix.
Cover: SBR.
Temperature: -40° to +150°F.

I.D.	O.D.	BEND RADIUS	WORKING PRESSURE PSI	WEIGHT LB/FT	VACUUM
4"	5 1/2"	24"	200	5.90	Full
4 1/2"	6"	27"	200	6.50	Full
5"	6 1/2"	30"	200	7.40	Full
5 1/2"	7"	33"	175	8.10	Full
6"	7 3/8"	36"	175	10.10	Full
6 5/8"	8 1/4"	41"	150	11.00	Full
8"	9 3/4"	48"	150	14.40	Full
8 5/8"	10 5/16"	54"	150	16.20	Full
10"	12 1/8"	60"	150	21.40	Full
10 3/4"	12 7/8"	65"	150	24.90	Full
12"	14"	72"	150	26.70	Full
12 3/4"	14 7/8"	77"	150	31.60	Full
13 1/4"	15 5/16"	80"	150	32.50	Full
14"	16 1/8"	84"	150	34.50	Full
15"	17 1/8"	90"	150	36.70	Full
16"	18 3/16"	96"	150	43.00	Full
18"	20 1/2"	102"	150	55.00	Full

EW709 SAND SUCTION HOSE - 1/2" NATURAL RUBBER TUBE

Custom Made Hose Product



- Designed to connect moveable suction lines to pump inlets and add flexibility on dredge barges.
- Excellent for heavy duty sand suction applications, slurries, and abrasive materials.

Tube: 1/2" Black Natural Rubber.
Reinforcement: High strength tire cord with steel wire helix.
Cover: SBR.
Temperature: -40° to +150°F.

I.D.	O.D.	BEND RADIUS	WORKING PRESSURE PSI	WEIGHT LB/FT	VACUUM
4"	5 13/16"	26"	200	6.90	Full
4 1/2"	6 5/16"	29"	200	7.60	Full
5"	6 13/16"	32"	200	8.60	Full
5 1/2"	7 5/16"	36"	175	9.40	Full
6"	7 13/16"	38"	175	11.50	Full
6 5/8"	8 1/2"	43"	150	12.50	Full
8"	9 29/32"	50"	150	16.20	Full
8 5/8"	10 5/8"	56"	150	18.20	Full
10"	12 5/16"	62"	150	23.70	Full
10 3/4"	13"	67"	150	27.30	Full
12"	14 5/16"	74"	150	29.40	Full
12 3/4"	15 1/8"	79"	150	34.50	Full
13 1/4"	15 5/8"	82"	150	35.50	Full
14"	16 3/16"	86"	150	37.60	Full
15"	17 5/16"	92"	150	40.00	Full
16"	18 1/2"	98"	150	46.50	Full
18"	20 1/2"	104"	150	62.00	Full

DETERMINING THE CORRECT DIAMETER

In most applications, the diameter of the hose is determined by the pipe size of the suction or discharge line on the dredge.

CHOOSING THE RIGHT TUBE THICKNESS

3/8" Tube	Continuous service, sand, small gravel, and light abrasion service.
1/2" Tube	Recommended for all hose sizes where service is severe.

LOCATIONS WHERE DREDGES ARE USED

1. Gravel pits or lakes where sand or gravel is pumped ashore.
2. Coastal areas where sand, gravel, oyster, or clam shells are pumped to shore or onto barges.
3. Rivers, using either barge or shore discharge.