



# MATERIAL HANDLING

Product	Page	Size	W.P.	Tube	Cover	Description
ES937	43	6" - 30"	20 - 65	SBR	SBR	Elephant trunk hose.
EW336	43	4" - 14"	100	Natural Rubber	SBR	Dry abrasive material suction hose.
EW360	44	6" - 14"	50 - 100	EPDM	EPDM	Hot air blower hose.
EWC334	44	6" - 12½"	65 - 135	Natural Rubber	Corrugated SBR	Dry abrasive material suction hose.
EWC777	45	4" - 24"	100 - 150	Natural Rubber	Corrugated SBR	Highly abrasive slurry suction hose.
EWC789	45	4" - 10"	100 - 150	SBR	Corrugated SBR	Vacuum truck hose for debris suction.
EWC888	46	5" - 10"	40 - 75	Natural Rubber	Corrugated SBR	Industrial vacuum hose.
SS135	46	4" - 6"	65	SBR	SBR	Dry cement and abrasives discharge hose.
SS141	47	1" - 4"	500	Neoprene	Neoprene	Oxygen charging hose for steel mill lancing and scarfing applications.
SS147	47	4"	60	SBR	SBR	Dry material discharge hose.
SS236	47	1½" - 6"	85 - 150	Natural Rubber	SBR	Abrasive wet and dry material suction hose.
SS247	48	4" - 8"	60 - 75	SBR	SBR	Heavy duty dry cement, sand, and pebble lime discharge hose.
SW336	48	3" - 6"	110 - 125	Natural Rubber	SBR	Dry abrasive material suction hose.
SW360	48	2" - 6"	100 - 200	EPDM	EPDM	Hot air blower hose.
SW409	49	2" - 6"	100 - 200	Natural Rubber	SBR	Heavy duty sand suction hose.



## ES937 ELEPHANT TRUNK HOSE - 1/8" SBR TUBE

- Designed exclusively for gravity flow and low pressure discharge of cement and other abrasive materials.
- Lightweight construction provides excellent flexibility for handling ease.
- Premium quality tube and cover resists cuts and abrasions.

**Tube:** 1/8" SBR.  
**Reinforcement:** High strength tire cord.  
**Cover:** SBR.  
**Temperature:** -40° to +180°F.

I.D.	O.D.	REINFORCEMENT	WORKING PRESSURE PSI	WEIGHT LB/FT
6"	6 <sup>17</sup> / <sub>32</sub> "	2 plies	65	2.90
6 <sup>5</sup> / <sub>8</sub> "	7 <sup>5</sup> / <sub>32</sub> "	2 plies	60	3.10
7"	7 <sup>17</sup> / <sub>32</sub> "	2 plies	60	3.30
7 <sup>1</sup> / <sub>2</sub> "	8 <sup>1</sup> / <sub>32</sub> "	2 plies	55	3.60
8"	8 <sup>17</sup> / <sub>32</sub> "	2 plies	50	3.80
8 <sup>5</sup> / <sub>8</sub> "	9 <sup>5</sup> / <sub>32</sub> "	2 plies	45	4.20
10"	10 <sup>17</sup> / <sub>32</sub> "	2 plies	45	4.90
10 <sup>3</sup> / <sub>4</sub> "	11 <sup>9</sup> / <sub>32</sub> "	2 plies	40	5.20
12"	12 <sup>17</sup> / <sub>32</sub> "	2 plies	40	5.80
12 <sup>3</sup> / <sub>4</sub> "	13 <sup>9</sup> / <sub>32</sub> "	2 plies	40	6.20
14"	14 <sup>17</sup> / <sub>32</sub> "	2 plies	35	6.80
16"	16 <sup>17</sup> / <sub>32</sub> "	2 plies	30	7.70
18"	18 <sup>17</sup> / <sub>32</sub> "	2 plies	30	8.70
20"	20 <sup>17</sup> / <sub>32</sub> "	2 plies	25	9.60
22"	22 <sup>17</sup> / <sub>32</sub> "	2 plies	20	10.60
24"	24 <sup>17</sup> / <sub>32</sub> "	2 plies	20	11.50
30"	30 <sup>19</sup> / <sub>32</sub> "	2 plies	20	14.00

Custom Made Hose Product



## EW336 EXACTA PIPE MATERIAL SUCTION HOSE - 1/4" NATURAL RUBBER TUBE

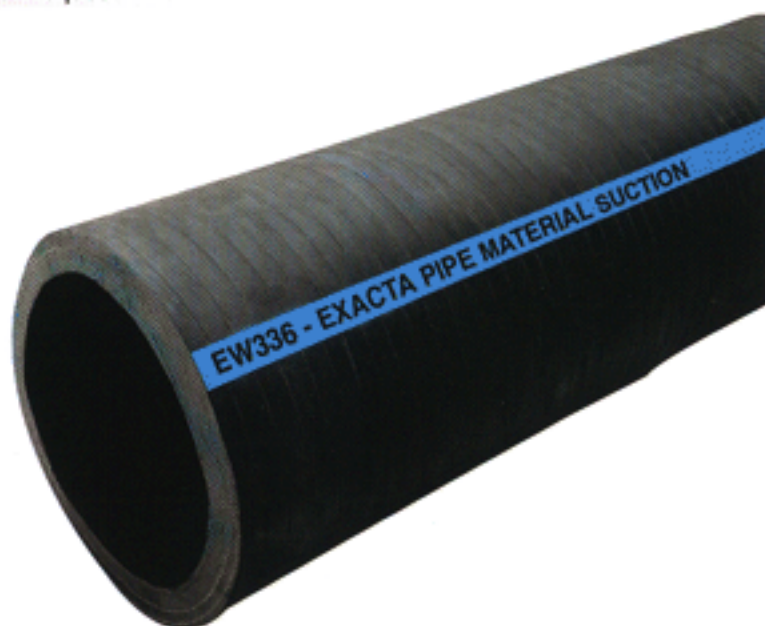
- All-weather general purpose suction and discharge hose designed to handle highly abrasive material.
- Natural rubber tube provides excellent rebound, durability, and abrasion resistance.

**Tube:** 1/4" Natural Rubber.  
**Reinforcement:** High strength tire cord with steel wire helix.  
**Cover:** SBR.  
**Temperature:** -40° to +150°F.

Custom Made Hose Product

Refer to SW336 (page 48) for additional sizes and working pressures. Various tube thicknesses and corrugated construction available upon request.

I.D.	O.D.	BEND RADIUS	WORKING PRESSURE PSI	WEIGHT LB/FT	VACUUM
4"	5 <sup>1</sup> / <sub>8</sub> "	24"	100	4.50	Full
5"	6 <sup>1</sup> / <sub>8</sub> "	30"	100	5.80	Full
6"	7 <sup>1</sup> / <sub>8</sub> "	36"	100	7.10	Full
6 <sup>5</sup> / <sub>8</sub> "	7 <sup>3</sup> / <sub>4</sub> "	40"	100	7.80	Full
8"	9 <sup>1</sup> / <sub>4</sub> "	48"	100	11.70	Full
8 <sup>5</sup> / <sub>8</sub> "	9 <sup>7</sup> / <sub>8</sub> "	52"	100	12.50	Full
10"	11 <sup>3</sup> / <sub>8</sub> "	60"	100	15.00	Full
10 <sup>3</sup> / <sub>4</sub> "	12 <sup>1</sup> / <sub>4</sub> "	65"	100	20.20	Full
12"	13 <sup>1</sup> / <sub>2</sub> "	72"	100	22.50	Full
12 <sup>3</sup> / <sub>4</sub> "	14 <sup>1</sup> / <sub>4</sub> "	77"	100	23.80	Full
14"	15 <sup>1</sup> / <sub>2</sub> "	84"	100	27.50	Full





**EW360 HOT AIR BLOWER HOSE**

**Custom Made Hose Product**

Refer to SW360 (page 48) for additional sizes and working pressures.

Corrugated and 4 ply constructions available upon request.



- High temperature, ultra-durable hose for transferring hot air.
- Superior grade tube will withstand temperatures up to 300°F.
- Heavy duty EPDM cover is heat and ozone resistant.

**Tube:** EPDM.  
**Reinforcement:** High strength tire cord with steel wire helix.  
**Cover:** Heat resistant EPDM.  
**Temperature:** -40° to +300°F.

I.D.	O.D.	BEND RADIUS	WORKING PRESSURE PSI	WEIGHT LB/FT	VACUUM
6"	6 <sup>7</sup> / <sub>8</sub> "	36"	100	5.70	Full
6 <sup>5</sup> / <sub>8</sub> "	7 <sup>1</sup> / <sub>2</sub> "	42"	100	6.30	Full
8"	8 <sup>7</sup> / <sub>8</sub> "	48"	75	8.00	Full
8 <sup>5</sup> / <sub>8</sub> "	9 <sup>5</sup> / <sub>8</sub> "	52"	75	10.00	Full
10"	11"	60"	65	12.50	Full
10 <sup>3</sup> / <sub>4</sub> "	11 <sup>7</sup> / <sub>8</sub> "	65"	60	15.00	Full
12"	13 <sup>1</sup> / <sub>8</sub> "	72"	55	17.50	Full
12 <sup>3</sup> / <sub>4</sub> "	13 <sup>7</sup> / <sub>8</sub> "	77"	50	18.50	Full
14"	15 <sup>1</sup> / <sub>8</sub> "	84"	50	21.50	Full

**EWC334 CORRUGATED MATERIAL HANDLING - 1/8" NATURAL RUBBER TUBE**

**Custom Made Hose Product**

Various tube thicknesses available upon request.



- All-weather corrugated material suction hose designed to handle abrasive materials.
- Natural rubber tube provides excellent rebound, durability, and abrasion resistance.
- All weather cover resists cuts, gouging and ozone attack.

**Tube:** 1/8" Natural Rubber.  
**Reinforcement:** High strength textile with dual wire helix.  
**Cover:** Corrugated SBR.  
**Temperature:** -40° to +150°F.

I.D.	O.D.	BEND RADIUS	WORKING PRESSURE PSI	WEIGHT LB/FT	VACUUM
6"	6 <sup>7</sup> / <sub>8</sub> "	29"	135	5.60	Full
6 <sup>5</sup> / <sub>8</sub> "	7 <sup>1</sup> / <sub>2</sub> "	32"	125	6.40	Full
8"	8 <sup>7</sup> / <sub>8</sub> "	38"	100	8.00	Full
8 <sup>5</sup> / <sub>8</sub> "	9 <sup>5</sup> / <sub>8</sub> "	42"	95	8.80	Full
10"	11"	48"	85	11.60	Full
10 <sup>3</sup> / <sub>4</sub> "	11 <sup>3</sup> / <sub>4</sub> "	52"	75	12.40	Full
12"	13 <sup>1</sup> / <sub>8</sub> "	58"	65	16.50	Full
12 <sup>3</sup> / <sub>4</sub> "	13 <sup>7</sup> / <sub>8</sub> "	62"	65	17.50	Full



## EWC777 CORRUGATED MATERIAL HANDLING HOSE - 5/16" NATURAL RUBBER TUBE

- Corrugated vacuum hose for transferring highly abrasive slurries.
- Designed for on the job engineering of specified lengths. Hose can be cut, coupled, and installed in minutes at the job site with our split-lok flange coupling system.

**Tube:** 5/16" Natural Rubber.  
**Reinforcement:** High strength tire cord with steel wire helix.  
**Cover:** Corrugated SBR.  
**Temperature:** -40° to +150°F.

I.D.	O.D.	BEND RADIUS	WORKING PRESSURE PSI	WEIGHT LB/FT	VACUUM
4"	5 1/2"	19"	150	5.00	Full
5"	6 1/2"	24"	150	7.00	Full
6"	7 1/2"	29"	150	9.00	Full
8"	9 1/2"	38"	150	12.10	Full
10"	11 1/2"	48"	150	16.00	Full
12"	13 3/4"	58"	150	23.00	Full
14"	15 3/4"	68"	150	27.00	Full
16"	17 3/4"	78"	125	31.10	Full
18"	20"	88"	125	42.00	Full
20"	22"	100"	100	48.00	Full
22"	24 5/16"	120"	100	65.00	Full
24"	26 5/16"	130"	100	69.00	Full

### Custom Made Hose Product

Split-Lok Flange Couplings recommended for on-site recoupling.



Split-Lok Flange Couplings (page 70)

## EWC789 CORRUGATED VACUUM TRUCK HOSE - 1/4" SBR TUBE

- Corrugated vacuum hose designed for debris suction and mobile vacuum trucks in cleaning storm drains and sewers.
- Dual wire helix provides excellent vacuum capabilities.

**Tube:** 1/4" SBR.  
**Reinforcement:** High strength textile with dual wire helix.  
**Cover:** Corrugated SBR.  
**Temperature:** -40° to +150°F.

I.D.	O.D.	BEND RADIUS	WORKING PRESSURE PSI	WEIGHT LB/FT	VACUUM
4"	5 13/64"	18"	150	5.00	Full
6"	7 13/64"	28"	150	7.20	Full
8"	9 5/16"	36"	100	9.50	Full
10"	11 13/32"	42"	100	11.50	Full

### Custom Made Hose Product

Larger size I.D.'s available upon request.





## EWC888 INDUSTRIAL VACUUM HOSE - 1/2" NATURAL RUBBER TUBE

Custom Made Hose Product



- Industrial material handling hose for vacuum service and low pressure applications.
- Lightweight corrugated design provides superior flexibility for handling ease.
- Dual wire reinforcement provides full vacuum capabilities.

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

I.D.	O.D.	BEND RADIUS	WORKING PRESSURE PSI	WEIGHT LB/FT	VACUUM
5"	5 3/4"	20"	75	4.00	Full
6"	6 3/4"	24"	65	4.60	Full
8"	8 7/8"	36"	50	6.80	Full
10"	10 7/8"	48"	40	10.30	Full

## SS135 DRY CEMENT DISCHARGE HOSE - 1/2" SBR TUBE

Static conductive tube.



- Low pressure material transfer hose designed for discharge service of dry cement and powdered abrasive materials.
- Lightweight construction provides superior flexibility without sacrificing quality.
- Premium grade cover resists cuts, scuffs, and ozone attack.

**Tube:** 1/2" Extruded SBR.  
**Reinforcement:** Textile.  
**Cover:** SBR.  
**Temperature:** -40° to +180°F.

I.D.	O.D.	REINFORCEMENT	WORKING PRESSURE PSI	WEIGHT LB/FT
4"	4 1/2"	2 plies	65	1.49
4 1/2"	5"	2 plies	65	1.67
5"	5 1/2"	2 plies	65	1.84
6"	6 1/2"	2 plies	65	2.24



## SS141 OXYGEN CHARGING HOSE

- Specially designed for steel mill lancing and scarfing applications.
- Premium grade Neoprene cover offers protection against sparks and abrasion.

**Tube:** Extruded Neoprene.  
**Reinforcement:** Textile.  
**Cover:** Green Neoprene.  
**Temperature:** -40° to +200°F.

I.D.	O.D.	REINFORCEMENT	WORKING PRESSURE PSI	WEIGHT LB/FT
1"	1 <sup>11</sup> / <sub>16</sub> "	2 plies	500	.84
1 <sup>1</sup> / <sub>4</sub> "	1 <sup>15</sup> / <sub>16</sub> "	2 plies	500	1.01
1 <sup>1</sup> / <sub>2</sub> "	2 <sup>3</sup> / <sub>16</sub> "	4 plies	500	1.13
2"	2 <sup>3</sup> / <sub>4</sub> "	4 plies	500	1.56
3"	4"	6 plies	500	3.10
4"	5"	6 plies	500	4.00

Hoses are cleaned and capped prior to shipping.



## SS147 DRY MATERIAL DISCHARGE HOSE - 3/16" SBR TUBE

- Handles dry abrasive materials and for dry bulk transfer.
- Lightweight construction provides excellent flexibility for handling ease.
- High grade cover resists cuts, gouges and scuffs.

**Tube:** 3/16" Extruded SBR.  
**Reinforcement:** Textile.  
**Cover:** SBR.  
**Temperature:** -40° to +180°F.

I.D.	O.D.	REINFORCEMENT	WORKING PRESSURE PSI	WEIGHT LB/FT
4"	4 <sup>5</sup> / <sub>8</sub> "	2 plies	60	1.96

Static conductive tube.

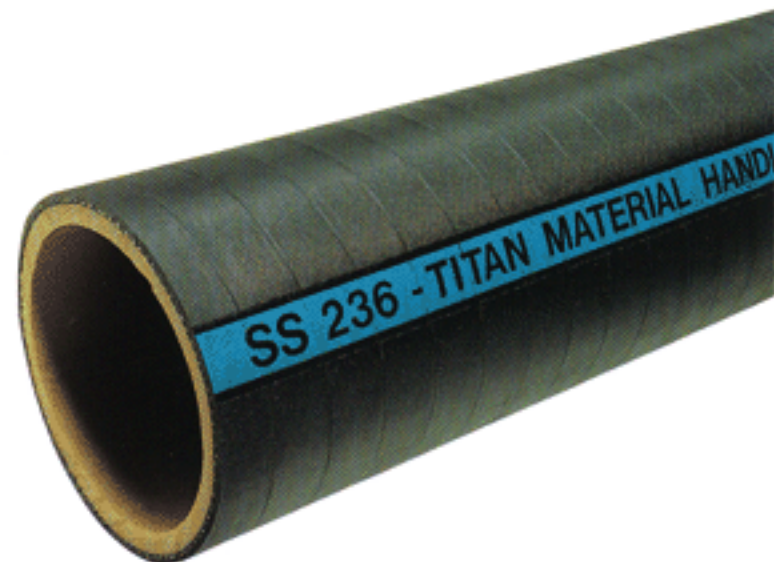


## SS236 MATERIAL HANDLING HOSE - 1/4" NATURAL RUBBER TUBE

- Rugged, ultra-durable, slurry discharge hose designed to handle highly abrasive wet and dry materials.
- Durable cover resists cuts, scuffs, gouges, and ozone attack.

**Tube:** 1/4" Extruded Natural Rubber.  
**Reinforcement:** Textile.  
**Cover:** SBR.  
**Temperature:** -40° to +150°F.

I.D.	O.D.	REINFORCEMENT	WORKING PRESSURE PSI	WEIGHT LB/FT
1 <sup>1</sup> / <sub>2</sub> "	2 <sup>3</sup> / <sub>16</sub> "	2 plies	150	1.21
2"	2 <sup>13</sup> / <sub>16</sub> "	2 plies	150	1.56
2 <sup>1</sup> / <sub>2</sub> "	3 <sup>3</sup> / <sub>16</sub> "	2 plies	150	1.90
3"	3 <sup>13</sup> / <sub>16</sub> "	2 plies	150	2.20
4"	4 <sup>13</sup> / <sub>16</sub> "	2 plies	100	2.85
4 <sup>1</sup> / <sub>2</sub> "	5 <sup>5</sup> / <sub>16</sub> "	2 plies	100	3.23
5"	5 <sup>13</sup> / <sub>16</sub> "	2 plies	100	3.54
6"	6 <sup>13</sup> / <sub>16</sub> "	2 plies	85	4.15





## SS247 HEAVY DUTY DRY CEMENT HOSE - 1/4" SBR TUBE

Static conductive tube.

Higher working pressures available upon request.



- Specially designed to handle dry abrasive materials such as sand or pebble lime.
- Lightweight construction provides excellent flexibility for handling ease.
- High grade cover resists cuts, gouges and scuffs.

**Tube:** 1/4" Extruded SBR.  
**Reinforcement:** Textile.  
**Cover:** SBR.  
**Temperature:** -40° to +180°F.

I.D.	O.D.	REINFORCEMENT	WORKING PRESSURE PSI	WEIGHT LB/FT
4"	4 <sup>3</sup> / <sub>4</sub> "	2 plies	75	2.50
4 <sup>1</sup> / <sub>2</sub> "	5 <sup>1</sup> / <sub>4</sub> "	2 plies	75	2.79
5"	5 <sup>3</sup> / <sub>4</sub> "	2 plies	75	3.11
6"	6 <sup>3</sup> / <sub>4</sub> "	2 plies	70	3.69
8"	8 <sup>3</sup> / <sub>4</sub> "	2 plies	60	4.88

## SW336 MATERIAL HANDLING HOSE - 1/4" NATURAL RUBBER TUBE

Corrugated construction available upon request.

Refer to EW336 (page 43) for additional sizes.



- Durable, all-weather material suction and discharge hose designed to handle highly abrasive materials.
- Dual wire reinforcement provides full vacuum capabilities.

**Tube:** 1/4" Extruded Natural Rubber.  
**Reinforcement:** Textile with dual wire helix.  
**Cover:** SBR.  
**Temperature:** -40° to +150°F.

I.D.	O.D.	BEND RADIUS	WORKING PRESSURE PSI	WEIGHT LB/FT	VACUUM
3"	3 <sup>15</sup> / <sub>16</sub> "	12"	125	2.69	Full
4"	5"	18"	125	3.94	Full
5"	6"	25"	110	5.25	Full
6"	7 <sup>1</sup> / <sub>16</sub> "	30"	110	7.09	Full

## SW360 HOT AIR BLOWER HOSE

Refer to EW360 (page 44) for additional sizes and working pressures.



- High temperature, ultra-durable hose for transferring hot air between the tractor and trailer during product unloading.
- Superior grade tube will withstand temperatures up to 350°F.
- Heavy duty cover is heat and ozone resistant.

**Tube:** Extruded heat resistant EPDM.  
**Reinforcement:** Textile with dual wire helix.  
**Cover:** Heat resistant EPDM.  
**Temperature:** -40° to +350°F.

I.D.	O.D.	BEND RADIUS	WORKING PRESSURE PSI	WEIGHT LB/FT	VACUUM
2"	2 <sup>1</sup> / <sub>2</sub> "	6"	200	.97	Full
3"	3 <sup>9</sup> / <sub>16</sub> "	12"	200	1.75	Full
4"	4 <sup>9</sup> / <sub>16</sub> "	16"	125	2.41	Full
6"	6 <sup>13</sup> / <sub>16</sub> "	24"	100	4.93	Full

## SW409 SAND RECOVERY HOSE - NATURAL RUBBER TUBE

- Heavy duty material transfer hose designed exclusively for severe abrasion applications that require suction and discharge service.
- Robust tube provides protection against abrasive material.
- All weather cover resists scuffs, cuts, gouging and ozone attack.

Static conductive tube.

**Tube:** Extruded 3/16" Natural Rubber.  
**Reinforcement:** Textile with dual wire helix.  
**Cover:** SBR.  
**Temperature:** -40° to +150°F.

I.D.	O.D.	BEND RADIUS	WORKING PRESSURE PSI	WEIGHT LB/FT	VACUUM
2"	2 <sup>3</sup> / <sub>4</sub> "	6"	200	1.49	Full
3"	3 <sup>3</sup> / <sub>4</sub> "	12"	175	2.32	Full
4"	4 <sup>3</sup> / <sub>4</sub> "	16"	150	3.08	Full
5"	5 <sup>13</sup> / <sub>16</sub> "	20"	100	4.25	Full
6"	6 <sup>13</sup> / <sub>16</sub> "	24"	100	5.28	Full

