

Material Handling / Dredge Hose



Hose Selector Guide – by application

Series	Trademark	Hose Application / Construction		Tube	Cover	Size Range (in)	Pressure Range (psi)	Temp Range (°F)	Page No.
7138		Deadman twin sensing	Air	EPDM	EPDM	3/16	200	-30 / +200	140
7204		Hot tar & asphalt	High pressure	Nitrile	Chloroprene	1/2 - 1	1000	-20 / +300	146
7244		Sand blast		NR	Synthetic rubber blend	1/2 - 2	150	-20 / +160	139
7363	SUPER-FLEX®	Dry/wet abrasives	Suction/vacuum, corrugated	NR/SBR	NR/SBR	2 - 6	100	-40 / +160	136
7393		Rock dust	Suction/vacuum, corrugated	NR/SBR	NR/SBR	1-1/4 - 3	50-90	-30 / +160	138
8341	DAY-LITE®	Dry/wet abrasives	Suction/vacuum, corrugated	NR/SBR	NR/SBR	1-1/2 - 8	75	-40 / +180	137
ES907		Dredge sleeve	Custom Made Hose	NR	SBR	4 - 18	150-200	-40 / +150	142
ES908		Dredge sleeve, heavy duty	Custom Made Hose	NR	SBR	4 - 18	150-200	-40 / +150	143
EW708		Dredge suction	Custom Made Hose	NR	SBR	4 - 18	150-200	-40 / +150	144
EW709		Dredge suction, heavy duty	Custom Made Hose	NR	SBR	4 - 18	150-200	-40 / +150	145
SS135	WILDCATTER®	Dry cement, powders		SBR	SBR	4 - 6	65	-40 / +180	134
SS201	GOLIATH™	Grout placement		SBR	SBR	1 - 5	1233	-40 / +180	133
SS247	WILDCATTER®	Dry cement		SBR	SBR	4 - 8	60-75	-40 / +180	135
SW387	WILDCATTER®	Hot tar & asphalt	Suction/discharge	Nitrile	Nitrile	1-1/2 - 4	150	-40 / +300	148
SW409		Sand recovery	Suction/vacuum	NR	SBR	2 - 6	100-200	-40 / +150	141

Hose Selector Guide – by industry standard

Series	Industry Standard		
	ASME	ISO	MSHA
7244	■		
7393			■
SS201	■		

The above tables are guides only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. For more specific Industry Standards information, refer to the “Industry Standards” section of each respective product page. Contact Parker for additional information.

A complete listing of industry standards is available in the Introduction section. See the pages immediately following the Table of Contents for a complete index by series, and by product application and name.

Due to continual product improvements, Parker reserves the right to alter specifications without prior notice.



GOLIATH™

High Pressure Grout Placement Hose

SBR Tube

Series SS201



Series SS201 is a high pressure placement hose for cement, grout, plaster and shotcrete. The SBR tube provides abrasion resistance and the thick wall incorporates multiple plies of reinforcement for contraction/elongation control and kink resistance. The SBR cover is resistant to abrasion, cuts, gouges, scuffs and weathering.

- Tube:** Black SBR; Abrasion resistance <math><60\text{mm}^3</math> per DIN 53516/ASTM 5963/ISO 4649
- Reinforcement:** Multiple textile plies
- Cover:** Black SBR; wrapped finish
- Temp. Range:** -40°F to +180°F (-40°C to +82°C)
- Brand Method:** Green text on white stripe
- Brand Example:** PARKR SS201 GOLIATH™ CONCRETE, GROUT & PLASTER HOSE (ID) 1233 PSI (85 BAR) WP FILLED WEIGHT (LBS/FT) ASME B30.27-2014
- Design Factor:** 2:1
- Industry Standards:** ASME B30.27-2014
- Applications:**
 - Abrasive materials, cement, grout, plaster, shotcrete
 - Construction, general industrial
- Vacuum:** Not recommended

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
SS201-1000	1	25.4	2	1.6	39.4	0.54	0.80	1233	85	100	Coil
SS201-1250	1-1/4	31.8	4	1.9	48.2	0.79	1.18	1233	85	100	Coil
SS201-1500	1-1/2	38.1	4	2.4	60.3	1.35	2.01	1233	85	100	Coil
SS201-2000	2	50.8	6	3.0	76.2	2.00	2.98	1233	85	100	Coil
SS201-2500	2-1/2	63.5	6	3.5	88.9	2.50	3.73	1233	85	100	Coil
SS201-3000	3	76.2	6	4.1	103.2	3.36	5.01	1233	85	100	Coil
SS201-4000	4	101.6	6	5.1	130.2	4.41	6.357	1233	85	100	Coils
SS201-5000	5	127.0	6	6.2	157.0	4.80	7.10	1233	85	100	Coil

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

WARNING! Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.



WILDCATTER®

Material Handling Hose

1/8" SBR Tube

Series SS135

Series SS135 is a lightweight, low pressure discharge hose for dry abrasive materials such as cement and powders. The static dissipating 1/8" SBR tube provides abrasion resistance and the SBR cover is resistant to abrasion, cuts, scuffs and weathering.

The Wildcatter trade name indicates the product is designed and manufactured for premium service in oilfield applications. However, Wildcatter products may be used in other industries, markets and applications where the product meets the required performance criteria.

- Tube:** 1/8" Black SBR; static dissipating
- Reinforcement:** Multiple textile plies
- Cover:** Black SBR; wrapped finish
- Temp. Range:** -40°F to +180°F (-40°C to +83°C)
- Brand Method:** Black text on white stripe
- Brand Example:** PARKER **WILDCATTER** SS135 DRY CEMENT DISCHARGE 65 PSI WP
- Design Factor:** 4:1
- Industry Standards:** None applicable
- Applications:**
 - Abrasive materials, dry cement, lime, powders, silica
 - Bulk transport trucks
 - Construction, general industrial
- Vacuum:** Not recommended
- Compare to:** Boston Lynx HD; ContiTech Black Softwall; Gates Dry Cement Delivery; Thermoid Transporter

#											
Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
SS135-4000	4	101.6	2	4.5	114.3	1.49	2.22	65	5	100	Coil
SS135-4500	4-1/2	114.3	2	5.0	127.0	1.71	2.55	65	5	100	Coil
SS135-5000	5	127.0	2	5.5	139.7	1.90	2.83	65	5	100	Coil
SS135-6000	6	152.4	2	6.6	166.6	2.32	3.46	65	5	100	Coil

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

WARNING! Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.



WILDCATTER®

Material Handling Hose

1/4" SBR Tube

Series SS247

Series SS247 is a flexible, heavy duty discharge hose for dry abrasive materials such as pebble lime and sand. The static dissipating 1/4" SBR tube provides abrasion resistance and the SBR cover is resistant to abrasion, cuts, scuffs and weathering.

The Wildcatter trade name indicates the product is designed and manufactured for premium service in oilfield applications. However, Wildcatter products may be used in other industries, markets and applications where the product meets the required performance criteria.

- Tube:** 1/4" Black SBR; static dissipating
- Reinforcement:** Multiple textile plies
- Cover:** Black SBR; wrapped finish
- Temp. Range:** -40°F to +180°F (-40°C to +83°C)
- Brand Method:** Black text on blue stripe
- Brand Example:** PARKER **WILDCATTER** SS247 HEAVY DUTY DRY CEMENT XXX PSI WP
- Design Factor:** 3:1
- Industry Standards:** None applicable
- Applications:**
 - Dry abrasive materials, cement, pebble lime, powders, sand, silica
 - In-plant transfer/loading, bulk transport trucks
 - Construction, general industrial
- Vacuum:** Not recommended
- Compare to:** Boston Lynx HD; ContiTech Black Softwall; Gates Dry Cement Delivery; Thermoid Transporter

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Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
SS247-4000	4	101.6	2	4.8	120.7	2.49	3.71	75	5	100	Coil
SS247-4500	4-1/2	114.3	2	5.3	133.4	2.79	4.16	75	5	100	Coil
SS247-5000	5	127.0	2	5.8	146.1	3.11	4.63	75	5	100	Coil
SS247-6000	6	152.4	2	6.8	171.5	3.69	5.50	70	5	100	Coil
SS247-8000	8	203.2	2	8.8	222.3	4.88	7.27	60	4	100	Coil

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

WARNING! Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.



SUPER-FLEX®

Corrugated Material Handling Hose

Suction / Vacuum

3/16" Natural Rubber / SBR Blend Tube

Series 7363

Series 7363 is a flexible suction and discharge hose for dry or wet abrasive materials in applications such as loading/unloading barges, hoppers and railcars, and debris evacuation. The static dissipating 3/16" natural rubber/SBR blend tube provides abrasion resistance, and the wire helix provides full suction capability and kink resistance. The corrugated natural rubber blend cover provides flexibility and is resistant to abrasion and weathering.

- Tube:** Black natural rubber/SBR blend; static dissipating
- Reinforcement:** Multiple textile plies with wire helix
- Cover:** Black natural rubber/SBR blend; corrugated wrapped finish
- Temp. Range:** -40°F to +160°F (-40°C to +71°C)
- Brand Method:** White text on black stripe
- Brand Example:** PARKER SERIES 7363 SUPER-FLEX® ABRASIVE SUCTION AND DISCHARGE 100 PSI MAX WP
- Design Factor:** 3:1
- Industry Standards:** None applicable
- Applications:**
 - Abrasive materials, debris, water
 - Loading/unloading barges, hoppers and railcars
 - Construction, general industrial, mining, sewer cleaning
- Vacuum:** 29" Hg (737 mm Hg)
- Compare to:** Boston Sabertooth; ContiTech Plicord HD Vacuum; Diversiflex; Gates 688SB

#													
Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
7363-2000	2	50.8	3	2.7	69.6	1.53	2.28	6	152	100	7	100	Coil
7363-3000	3	76.2	3	3.8	96.6	2.35	3.50	9	229	100	7	100	Coil
7363-4000	4	101.6	3	4.8	123.1	3.26	4.86	12	305	100	7	100	Coil
7363-5000	5	127.0	3	5.9	150.6	4.64	6.91	15	381	100	7	100	Coil
7363-6000	6	152.4	3	6.9	176.2	5.60	8.34	18	457	100	7	100	Coil

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

WARNING! Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.



DAY-LITE®

Corrugated Material Handling Hose














Suction / Vacuum

Natural Rubber / SBR Blend Tube

Series 8341

Series 8341 is a flexible suction/vacuum and discharge hose for dry or wet abrasive materials such as debris evacuation by mobile vacuum trucks in sewer cleaning and similar applications. The static dissipating natural rubber/SBR blend tube provides abrasion resistance, and the wire helix provides full suction capability and kink resistance. The corrugated natural rubber/SBR cover provides flexibility and is resistant to abrasion and weathering.

- Tube:** Black natural rubber/SBR blend
- Reinforcement:** Multiple textile plies with wire helix
- Cover:** Black natural rubber/SBR; corrugated wrapped finish
- Temp. Range:** -40°F to +180°F (-40°C to +83°C)
- Brand Method:** Black text on green stripe
- Brand Example:** PARKER SERIES 8341 DAY-LITE® SUCTION AND DISCHARGE HOSE
- Design Factor:** 3:1
- Industry Standards:** None applicable
- Applications:**
 - Abrasive materials, debris, water
 - Construction, general industrial, sewer cleaning
- Vacuum:** 29" Hg (737 mm Hg)
- Compare to:** ContiTech Plicord Vacuum

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
8341-1500	1-1/2	38.1	2	2.0	50.0	0.77	1.15	5	114	75	5	100	Coil
8341-2000	2	50.8	2	2.5	63.0	1.00	1.49	6	152	75	5	100	Coil
8341-3000	3	76.2	2	3.5	90.0	1.62	2.41	9	229	75	5	100	Coil
8341-4000	4	101.6	2	4.6	117.2	2.47	3.68	12	305	75	5	100	Coil
8341-6000	6	152.4	2	6.7	170.0	4.41	6.57	18	457	75	5	100	Coil
8341-8000	8	203.2	3	8.7	221.0	5.91	8.81	24	610	75	5	100	Coil

⚠ WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

⚠ WARNING! Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.



Corrugated Rock Dust Hose

Natural Rubber / SBR Blend Tube

Series 7393



Series 7393 is a flexible, lightweight suction and discharge hose for rock dust collection and suppression systems in underground mines. The static dissipating natural rubber/SBR blend tube provides abrasion resistance, and the wire helix provides full suction capability and kink resistance. The corrugated, flame resistant blended rubber cover meets MSHA requirements, provides flexibility and is resistant to abrasion and weathering.

- Tube:** Black natural rubber/SBR blend; static dissipating
- Reinforcement:** Multiple textile plies with wire helix
- Cover:** Black natural rubber/SBR blend; corrugated wrapped finish
- Temp. Range:** -30°F to +160°F (-34°C to +71°C)
- Brand Method:** Embossed
- Brand Example:** PARKER SERIES 7393 ROCK DUST HOSE FLAME RESISTANT MSHA NO. IC-123/22
- Design Factor:** 4:1
- Industry Standards:** MSHA
- Applications:**
 - Abrasive materials, rock dust, water
 - Dust suppression and collection systems
 - Construction, general industrial, mining
- Vacuum:** 29" Hg (737 mm Hg)
- Compare to:** ContiTech Flextra Rock Dust

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource. Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

# Part Number *	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
7393-1252	1-1/4	31.8	2	1.6	40.7	0.46	0.69	3	64	90	6	100	Coil
7393-1252050C	1-1/4	31.8	2	1.6	40.7	0.46	0.69	3	64	90	6	50	Coil
7393-1502	1-1/2	38.1	2	1.9	48.0	0.63	0.94	3	76	90	6	100	Coil
7393-1502050C	1-1/2	38.1	2	1.9	48.0	0.63	0.94	3	76	90	6	50	Coil
7393-2002	2	50.8	2	2.4	61.0	0.83	1.24	4	102	75	5	100	Coil
7393-2002050C	2	50.8	2	2.4	61.0	0.83	1.24	4	102	75	5	50	Coil
7393-2502	2-1/2	63.5	2	2.9	72.7	0.93	1.39	6	152	60	4	100	Coil
7393-2502050C	2-1/2	63.5	2	2.9	72.7	0.93	1.39	6	152	60	4	50	Coil
7393-3002	3	76.2	2	3.4	86.6	1.27	1.89	8	203	50	3	100	Coil
7393-3002050C	3	76.2	2	3.4	86.6	1.27	1.89	8	203	50	3	50	Coil

* Part numbers ending in 050C indicate 50-ft lengths with soft cuffs each end.

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

WARNING! Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.



Sand Blast Hose

Natural Rubber Tube

Series 7244



Series 7244 is designed to blast sand and other abrasive materials to clean, condition or strip cement, steel, stone and other materials in a variety of applications. The thick, static dissipating natural rubber tube provides abrasion resistance and a heavy wall provides kink resistance. The blended rubber cover is resistant to abrasion and weathering.

- Tube:** Black natural rubber; static dissipating ; Abrasion resistance <60mm³ per DIN 53516/ASTM 5963/ISO 4649
- Reinforcement:** Multiple textile plies
- Cover:** Black synthetic rubber blend
- Temp. Range:** -20°F to +160°F (-29°C to +71°C)
- Brand Method:** Embossed
- Brand Example:** PARKER SERIES 7244 SAND BLAST HOSE 300 PSI WP
- Design Factor:** 3:1
- Industry Standards:** ASME B30.27-2014
- Applications:**
- Abrasive materials, sand
 - Clean, condition or strip cement, steel, stone and other materials
 - Construction, general industrial, shipyards
- Vacuum:** Not recommended
- Compare to:** ContiTech Plicord Blast; Kuriyama Sand Blast; XF Blast

# Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
7244-500	1/2	12.7	2	1.1	26.7	0.33	0.49	300	21	50	Coil
7244-750	3/4	19.1	4	1.5	38.6	0.68	1.01	300	21	50	Coil
7244-1000	1	25.4	4	1.9	47.4	0.95	1.42	300	21	50	Coil
7244-1250	1-1/4	31.8	4	2.1	53.8	1.12	1.67	300	21	50	Coil
7244-1500	1-1/2	38.1	4	2.4	60.1	1.28	1.91	300	21	50	Coil
7244-2000	2	50.8	4	2.9	72.8	1.61	2.40	300	21	50	Coil

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.



Deadman Twin Sensing Hose

Series 7138 (Yellow / Gray)

Series 7138 is a flexible air conduit that connects the remote hand control to the dispenser control valves in abrasive material blasting systems. When the hand trigger is disengaged, the delivery system immediately shuts down, minimizing uncontrolled high velocity discharge and spillage. Series 7138 hose lines are bonded to prevent separation and maximize flexibility, and the gray/yellow color coding provides quick and easy identification. The hose features an EPDM tube that is resistant to compressor oil mist and an EPDM cover that is resistant to abrasion, heat and weathering.

- Tube:** Black EPDM
- Reinforcement:** Multiple textile plies
- Cover:** Yellow/gray EPDM; smooth finish
- Temp. Range:** -30°F to +200°F (-34°C to +93°C)
- Brand Method:** Black ink on yellow hose
- Brand Example:** PARKER SERIES 7138 DEADMAN TWIN HOSE (ID) 200 PSI MAX WP
- Design Factor:** 4:1
- Industry Standards:** None applicable
- Applications:**
 - Air
 - Clean, condition or strip cement, steel, stone and other materials as a component of abrasive material blasting systems
 - Construction, general industrial, shipyards
- Vacuum:** Not recommended

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource. Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

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Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
7138-191	3/16	4.8	2	0.4	11.1	0.13	0.19	2.0	51	200	14	750	Reel

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

WARNING! Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.



Sand Recovery Hose














Suction / Vacuum

3/16" Natural Rubber Tube

Series SW409

Series SW409 is a heavy duty suction and discharge hose for transfer and recovery of sand and severely abrasive materials. The static dissipating 3/16" natural rubber tube provides abrasion resistance, and the dual wire helix provides full suction capability and kink resistance. The SBR cover is resistant to abrasion, cuts, scuffs and weathering.

- Tube:** 3/16" Black natural rubber; static dissipating
- Reinforcement:** Multiple textile plies with dual wire helix
- Cover:** Black SBR; wrapped finish
- Temp. Range:** -40°F to +150°F (-40°C to +66°C)
- Brand Method:** Black text on red stripe
- Brand Example:** PARKER SERIES SW409 SAND RECOVERY HOSE XXX PSI WP
- Design Factor:** 4:1
- Industry Standards:** None applicable
- Applications:**
 - Abrasive materials, debris, sand
 - Construction, general industrial, mining, sand clean-up/recovery
- Vacuum:** 29" Hg (737 mm Hg)

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
SW409-2000	2	50.8	2	2.8	69.9	1.41	2.10	6	152	200	14	100	Coil
SW409-3000	3	76.2	2	3.8	95.3	2.42	3.61	12	305	175	12	100	Coil
SW409-4000	4	101.6	2	4.8	120.7	3.16	4.71	16	406	150	10	100	Coil
SW409-5000	5	127.0	2	5.8	147.6	4.25	6.33	20	508	100	7	100	Coil
SW409-6000	6	152.4	2	6.8	173.0	5.30	7.90	24	610	100	7	100	Coil

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

WARNING! Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.



Dredge Sleeve








3/8" Natural Rubber Tube

Series ES907
Custom Made Hose

Series ES907 is designed specifically for discharge service of abrasive materials such as debris, sand and slurries in dredging applications. The hose provides a flexible connection between lengths of pipe linked from the dredge site to the shore, compensating for the shifting and twisting of pontoons caused by water movement. The 3/8" natural rubber tube provides abrasion resistance, the heavy wall provides kink resistance and the SBR cover is resistant to abrasion, cuts, scuffs and weathering.

NOTE: Other customized versions of this product are available. Contact Parker.

Tube:	3/8" Black natural rubber
Reinforcement:	Multiple plies of tire cord
Cover:	Black SBR; wrapped finish
Temp. Range:	-40°F to +150°F (-40°C to +66°C)
Brand Method:	Black text on blue stripe
Brand Example:	PARKER SERIES ES907 DREDGE SLEEVE
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Light abrasive materials, sand, small gravel • Dredging operations in coastal areas, gravel pits, lakes, rivers
Vacuum:	Not recommended
Couplings:	Plain or enlarged ends only; contact Parker

#										
Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Max WP (psi)	Max WP (bar)	Max Lg (ft)
ES907-4000	4	101.6	2	5.2	130.2	3.50	5.52	150	10	50
ES907-4500	4-1/2	114.3	2	5.6	142.9	3.90	5.81	150	10	50
ES907-5000	5	127.0	2	6.1	155.6	4.30	6.41	150	10	50
ES907-6000	6	152.4	4	7.3	185.7	6.10	9.09	150	10	50
ES907-6625	6-5/8	168.3	4	7.9	200.0	7.00	10.43	150	10	50
ES907-8000	8	203.2	4	9.3	236.5	8.30	12.37	150	10	50
ES907-8625	8-5/8	219.1	4	10.0	254.0	8.90	13.26	150	10	50
ES907-10000	10	254.0	6	11.6	295.3	12.00	17.88	150	10	50
ES907-10750	10-3/4	273.1	6	12.4	314.5	12.70	18.92	150	10	50
ES907-12000	12	304.8	6	13.6	346.1	14.40	21.46	150	10	50
ES907-12750	12-3/4	323.9	6	14.4	365.1	16.00	23.84	150	10	50
ES907-13250	13-1/4	336.6	6	14.9	377.8	17.00	25.33	150	10	50
ES907-14000	14	355.6	6	15.6	396.9	18.50	27.57	150	10	50
ES907-16000	16	406.4	8	17.9	454.0	23.00	34.27	150	10	50
ES907-18000	18	457.2	8	19.9	504.8	26.00	38.74	150	10	50

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.



Heavy Duty Dredge Sleeve

1/2" Natural Rubber Tube











Series ES908

Custom Made Hose

Series ES908 is designed specifically for extreme discharge service of abrasive materials such as debris, sand and slurries in dredging applications. The hose provides a flexible connection between lengths of pipe linked from the dredge site to the shore, compensating for the shifting and twisting of pontoons caused by water movement. The 1/2" extra-thick natural rubber tube provides superior abrasion resistance, the heavy wall provides kink resistance and the SBR cover is resistant to abrasion, cuts, scuffs and weathering.

NOTE: Other customized versions of this product are available. Contact Parker.

- Tube:** 1/2" Black natural rubber
- Reinforcement:** Multiple plies of tire cord
- Cover:** Black SBR; wrapped finish
- Temp. Range:** -40°F to +150°F (-40°C to +66°C)
- Brand Method:** Black text on blue stripe
- Brand Example:** PARKER SERIES ES908 DREDGE SLEEVE
- Design Factor:** 4:1
- Industry Standards:** None applicable
- Applications:**
 - Extreme abrasive materials, large gravel, sand, shells
 - Dredging operations in coastal areas, gravel pits, lakes, rivers
- Vacuum:** Not recommended
- Couplings:** Plain or enlarged ends only; contact Parker

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Max WP (psi)	 Max WP (bar)	 Max Lg (ft)
ES908-4000	4	101.6	2	5.4	136.5	4.40	6.56	150	10	50
ES908-4500	4-1/2	114.3	2	5.8	147.6	4.90	7.30	150	10	50
ES908-5000	5	127.0	2	6.7	169.9	5.40	8.05	150	10	50
ES908-6000	6	152.4	4	7.6	193.7	7.40	11.03	150	10	50
ES908-6625	6-5/8	168.3	4	8.1	206.4	8.00	11.92	150	10	50
ES908-8000	8	203.2	4	9.6	244.5	9.90	14.75	150	10	50
ES908-8625	8-5/8	219.1	4	10.2	258.8	11.00	16.39	150	10	50
ES908-10000	10	254.0	6	11.8	300.0	14.00	20.86	150	10	50
ES908-10750	10-3/4	273.1	6	12.6	320.7	15.10	22.50	150	10	50
ES908-12000	12	304.8	6	13.8	350.8	16.80	25.03	150	10	50
ES908-12750	12-3/4	323.9	6	14.6	371.5	18.00	26.82	150	10	50
ES908-13250	13-1/4	336.6	6	15.1	384.2	19.00	28.31	150	10	50
ES908-14000	14	355.6	6	15.8	401.6	20.00	29.80	150	10	50
ES908-16000	16	406.4	8	18.0	457.2	26.00	38.74	150	10	50
ES908-18000	18	457.2	8	20.0	508.0	28.00	41.72	150	10	50

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.



Dredge Sand Suction Hose

3/8" Natural Rubber Tube













Series EW708

Custom Made Hose

Series EW708 is designed specifically for heavy duty suction and discharge service of abrasive materials such as debris, sand and slurries in dredging applications. The hose provides a flexible connection between moveable suction lines and pump inlets on dredge barges. The 3/8" natural rubber tube provides abrasion resistance, the heavy wall provides kink resistance and the SBR cover is resistant to abrasion, cuts, scuffs and weathering.

NOTE: Other customized versions of this product are available. Contact Parker.

- Tube:** 3/8" Black natural rubber
- Reinforcement:** Multiple plies of tire cord with wire helix
- Cover:** Black SBR; wrapped finish
- Temp. Range:** -40°F to +150°F (-40°C to +66°C)
- Brand Method:** Black text on blue stripe
- Brand Example:** PARKER SERIES EW708 SAND SUCTION HOSE
- Design Factor:** 4:1
- Industry Standards:** None applicable
- Applications:**
 - Light abrasive materials, sand, small gravel
 - Dredging operations in coastal areas, gravel pits, lakes, rivers
- Vacuum:** 29" Hg (737 mm Hg)
- Couplings:** Contact Parker

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Max Lg (ft)
EW708-4000	4	101.6	4	5.5	139.7	5.90	8.79	24	609.6	200	14	50
EW708-4500	4-1/2	114.3	4	6.0	152.4	6.50	9.69	27	685.8	200	14	50
EW708-5000	5	127.0	4	6.5	165.1	7.40	11.03	30	762.0	200	14	50
EW708-5500	5-1/2	139.7	4	7.0	177.8	8.10	12.07	33	838.2	175	12	50
EW708-6000	6	152.4	4	7.6	193.7	10.10	15.05	36	914.4	175	12	50
EW708-6625	6-5/8	168.3	4	8.3	209.6	11.00	16.39	41	1041.4	150	10	50
EW708-8000	8	203.2	4	9.8	247.7	14.40	21.46	48	1219.2	150	10	50
EW708-8625	8-5/8	219.1	4	10.3	261.9	16.20	24.14	54	1371.6	150	10	50
EW708-10000	10	254.0	6	12.1	308.0	21.40	31.89	60	1524.0	150	10	50
EW708-10750	10-3/4	273.1	6	12.9	327.0	24.90	37.10	65	1651.0	150	10	50
EW708-12000	12	304.8	6	14.0	355.6	26.70	39.78	72	1828.8	150	10	50
EW708-12750	12-3/4	323.9	6	14.9	377.8	31.60	47.08	77	1955.8	150	10	50
EW708-13250	13-1/4	336.6	6	15.3	388.9	32.50	48.43	80	2032.0	150	10	50
EW708-14000	14	355.6	6	16.1	409.6	34.50	51.41	84	2133.6	150	10	50
EW708-15000	15	381.0	8	17.1	435.0	36.70	54.68	90	2286.0	150	10	50
EW708-16000	16	406.4	8	18.2	462.0	43.00	64.07	96	2438.4	150	10	50
EW708-18000	18	457.2	8	20.5	520.7	55.00	81.95	102	2590.8	150	10	50

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.



Dredge Sand Suction Hose

1/2" Natural Rubber Tube













Series EW709

Custom Made Hose

Series EW709 is designed specifically for extreme heavy duty suction and discharge service of abrasive materials such as debris, sand and slurries in dredging applications. The hose provides a flexible connection between moveable suction lines and pump inlets on dredge barges. The 1/2" extra-thick natural rubber tube provides abrasion resistance, the heavy wall provides kink resistance and the SBR cover is resistant to abrasion, cuts, scuffs and weathering.

NOTE: Other customized versions of this product are available. Contact Parker.

- Tube:** 1/2" Black natural rubber
- Reinforcement:** Multiple plies of tire cord with wire helix
- Cover:** Black SBR; wrapped finish
- Temp. Range:** -40°F to +150°F (-40°C to +66°C)
- Brand Method:** Black text on blue stripe
- Brand Example:** PARKER SERIES EW709 SAND SUCTION HOSE
- Design Factor:** 4:1
- Industry Standards:** None applicable
- Applications:**
 - Extreme abrasive materials, large gravel, sand, shells
 - Dredging operations in coastal areas, gravel pits, lakes, rivers
- Vacuum:** 29" Hg (737 mm Hg)
- Couplings:** Contact Parker

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Max Lg (ft)
EW709-4000	4	101.6	4	5.8	147.6	6.90	10.28	27	686	200	14	50
EW709-4500	4-1/2	114.3	4	6.3	160.3	7.60	11.32	30	762	200	14	50
EW709-5000	5	127.0	4	6.8	173.0	8.60	12.81	33	838	200	14	50
EW709-5500	5-1/2	139.7	4	7.3	185.7	9.40	14.01	37	940	175	12	50
EW709-6000	6	152.4	4	7.8	198.4	11.50	17.14	40	1016	175	12	50
EW709-6625	6-5/8	168.3	4	8.5	215.9	12.50	18.63	46	1168	150	10	50
EW709-8000	8	203.2	4	9.9	251.6	16.20	24.14	53	1346	150	10	50
EW709-8625	8-5/8	219.1	4	10.6	269.9	18.20	27.12	60	1524	150	10	50
EW709-10000	10	254.0	6	12.3	312.7	23.70	35.31	67	1702	150	10	50
EW709-10750	10-3/4	273.1	6	13.0	330.2	27.30	40.68	72	1829	150	10	50
EW709-12000	12	304.8	6	14.3	363.5	29.40	43.81	80	2032	150	10	50
EW709-12750	12-3/4	323.9	6	15.1	384.2	34.50	51.41	86	2184	150	10	50
EW709-13250	13-1/4	336.6	6	15.6	396.9	35.50	52.90	89	2261	150	10	50
EW709-14000	14	355.6	6	16.3	414.3	37.60	56.02	93	2362	150	10	50
EW709-15000	15	381.0	8	17.3	439.7	40.00	59.60	100	2540	150	10	50
EW709-16000	16	406.4	8	18.5	469.9	46.50	69.29	107	2718	150	10	50
EW709-18000	18	457.2	8	20.5	520.7	62.00	92.38	120	3048	150	10	50

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.



MPW-1000® High Pressure Wire Braid Multipurpose Hose

Series 7204

Series 7204 is an extremely versatile hose designed to handle air, mild chemicals, oil, refined fuels such as biodiesel (to B20 in dedicated and non-dedicated service), diesel, ethanol and gasoline, saturated steam and water. The hose construction incorporates a premium grade tube especially suited for high temperature materials such as hot asphalt, glue, oil, tar and wax to 300°F continuous/350°F intermittent (149°C/177°C). The high tensile wire braid reinforcement provides durability, kink resistance, high pressure capability and superior coupling retention, and the cover is resistant to heat, oil and weathering. Series 7204 is also designed for saturated steam applications at temperatures to 368°F (187°C) and pressures to 150 psi (10.3 bar). The tube resists popcorning and oil-based detergents and rust inhibitors found in steam systems.

NOTES:

- Do not use in hot, dry air applications.
- Do not use to dispense or transfer biodiesel, diesel fuel or gasoline in regulated service (API, NFPA, UL, ULC or any other agency approval or listing).
- Do not use in vehicle engine applications.
- Refer to the Refined Fuel/Hose Compatibility Table in the Media Compatibility section.

Tube:	Black nitrile
Reinforcement:	One wire braid
Cover:	Black chloroprene; perforated wrapped finish
Temp. Range:	Air: -20°F to +158°F (-29°C to +70°C) Steam: -20°F to +368°F (-29°C to +187°C) saturated steam to 150 psi max WP Other: -20°F to +300°F (-29°C to +149°C) / 350°F (177°C) intermittent
Brand Method:	Embossed
Brand Example:	PARKER SERIES 7204 - MPW XXX PSI MAX WP
Design Factor:	4:1 (10:1 steam @ 150 psi/10 bar)
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Air, mild chemicals, oil, water; hot asphalt, glue, oil, tar and wax; steam; biodiesel (to B20 in dedicated and non-dedicated service), diesel, ethanol, gasoline • High pressure washdown; cleaning containment vessels and manufacturing equipment; cleaning and heating processing equipment • General industrial, manufacturing and processing plants, refineries
Vacuum:	Not recommended
Compare to:	Boston Hot Tar Pumping; ContiTech Pyroflex; Gates 319MB Gold Master

(Continued on the following page)

⚠ WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.









⚠ WARNINGS!

- ▶ Failure to properly inspect, maintain, test and use steam hose assemblies may result in property damage, personal injury or death. Refer to ARPM publication IP-11-1, "Guide for Use, Testing and Inspection of Steam Hose."
- ▶ Water changes to hot water and phases of steam when subjected to heat and pressure. The greater the pressure, the higher the temperature required to achieve and maintain a steam phase. If steam escapes, dangerous quantities of heat may be released very suddenly. Exposure to hot water, low pressure steam and high pressure steam may cause severe scalding or fatal burns.
- ▶ Use only hoses designated for steam service for steam applications. Use ONLY Parker recommended hose/coupling combinations for steam applications. Refer to CrimpSource® at www.parker.com/crimpsource.
- ▶ Prior to use with detergents or rust inhibitors, refer to the chemical guide in this catalog or contact Parker.
- ▶ Drain steam hose after each use to reduce the possibility of hose popcorning while in service.
- ▶ Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.

Series 7204 – MPW-1000® High Pressure Wire Braid Multipurpose Hose (Continued)

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource. Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

# Part Number													
	ID (in)	ID (mm)		Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)		
7204-501	1/2	12.7	1	0.9	23.0	0.34	0.51	7	178	1000	69	500	Reel
7204-751	3/4	19.1	1	1.2	30.1	0.52	0.77	10	254	1000	69	500	Reel
7204-1001	1	25.4	1	1.5	38.1	0.75	1.12	12	305	1000	69	500	Reel

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.



WILDCATTER®

Hot Tar Hose

Series SW387

Series SW387 is a suction and discharge hose for high temperature materials such as hot asphalt, glue, oil, tar and wax to 300°F continuous/350°F intermittent (149°C/177°C). The hose construction incorporates a dual wire helix that provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, heat, oil and weathering.

NOTE: For other hot tar and asphalt hoses, refer to Series 7204 and Series EW499.

The Wildcatter trade name indicates the product is designed and manufactured for premium service in oilfield applications. However, Wildcatter products may be used in other industries, markets and applications where the product meets the required performance criteria.

- Tube:** Black nitrile; ARPM Class A oil resistance
- Reinforcement:** Multiple textile plies with dual wire helix
- Cover:** Black nitrile; ARPM Class A oil resistance; wrapped finish
- Temp. Range:** -40°F to +350°F (-40°C to +177°C)
- Brand Method:** Black text on red stripe
- Brand Example:** PARKER WILDCATTER SW387 HOT TAR HOSE 150 PSI MAX WP
- Design Factor:** 4:1
- Industry Standards:** None applicable
- Applications:**
 - Hot asphalt, glue, oil, tar
 - In-plant and storage tank transfer
 - Delivery, transport applicator trucks
- Vacuum:** 29" Hg (737 mm Hg)
- Compare to:** Boston Black Cat; ContiTech Pyroflex; Thermoid Transporter

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource. Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

#													
Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
SW387-1500	1-1/2	38.1	2	2.1	54.0	0.98	1.46	6	152	150	10	100	Coil
SW387-2000	2	50.8	2	2.6	66.7	1.43	2.13	8	203	150	10	100	Coil
SW387-2500	2-1/2	63.5	2	3.4	85.7	1.84	2.74	10	254	150	10	100	Coil
SW387-3000	3	76.2	2	3.8	95.3	2.42	3.61	12	305	150	10	100	Coil
SW387-4000	4	101.6	2	4.8	122.2	3.60	5.36	18	457	150	10	100	Coil

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

WARNING! Do not use for continuous service at 350°F. Do not use above 350°F for any service or any duration. Using above the recommended service duration or temperature may lead to premature hose failure and property damage, personal injury or death.