

Hose Selector Guide – by application

Series	Trademark	Hose Appl Construc Selector	ction/	Tube	Cover	Size Range (in)	Pressure Range (psi)	Temp Range (°F)	Page No.
7208E	BS&W™	Oil, sediment, waste, water	Suction	Nitrile/SBR	Nitrile/SBR	2 - 4	150	-22/+185	165
7213E	BS&W™	Oil, sediment, waste, water Suction, corrugated		Nitrile/SBR	Nitrile/SBR	1-1/2 - 4	150	-22/+185	166
7234	WILDCATTER®	Rotary drill		Nitrile	Nitrile/PVC	2	3000	-40/+200	173
7301	WILDCATTER®	Hot oil, large diameter High pressure		Chloroprene	Chloroprene	1-1/2	2250	-40/+275	174
7307		Fracturing		Nitrile/SBR	Nitrile/SBR	6 - 8	150	-20/+180	168
7309		Mud discharge		Nitrile	Chloroprene	2 - 8	300	-20/+180	171
7335		Jetting	Medium pressure	SBR	SBR	1-1/4 - 4	500	-40/+180	169
SS111		Jetting	High pressure	SBR	SBR	2 - 6	800	-40/+180	170
SWC509	TITANFLEX®	Oil, sediment, waste, water	Suction, corrugated	Nitrile	SBR	1 - 6	125 - 250	-40/+160	167
TKW160		Mud suction	Custom Made Hose	Nitrile	Synthetic rubber	4 - 12	100	-40/+180	172

NOTE: This is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. Refer to product pages for specific data. Contact Parker for additional information.

Refer to pages 9-10 for a complete listing of industry standards.

See pages ii through iv for an index of all product series by series number and pages v through xv for an index by application and by series name.

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

164





BS & WTM Oil Field Suction / Vacuum Hose

Series 7208E

Series 7208E is a flexible, lightweight suction and discharge hose designed to handle brine, crude oil, mild chemicals, petroleum waste, sediments, sludge, slurries and water in harsh oil field bottom sediment and waste pit recovery applications. The hose construction incorporates a wire helix that provides full suction capability, kink resistance, and a path to conduct a static electrical charge to ground. The nitrile/SBR cover is resistant to abrasion, oil and weathering. Series 7208E is available in 200-foot continuous lengths.

NOTE: Do not use with refined oil or fuel.

Tube: Black nitrile/SBR

Reinforcement: Multiple textile plies with wire helix
Cover: Black nitrile/SBR; wrapped finish
Temp. Range: -22°F to +185°F (-30°C to +85°C)

Brand Method: White text on blue stripe

Brand Example: PARKER SERIES 7208E BS&W™ OIL FIELD SUCTION HOSE

150 MAX PSI WP

Industry Standards: None applicable

Applications:
 Brine, crude oil, mild chemicals, petroleum waste, sediments, sludge,

slurries, water

· Oil field waste recovery, general industrial

Vacuum: Full

Compare to: Jason Tupelo 4677; Kuriyama T601AA; Texcel Tex-Vac; Veyance Flextra

Oilfield

Packaging: Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7208E-2000200	2	50.8	2	2.440	62.0	1.04	0.47	8.0	203.2	150	10.3	*	200	Υ
7208E-3000200	3	76.2	2	3.540	89.9	2.18	0.99	12.0	304.8	150	10.3	*	200	Υ
7208E-4000200	4	101.6	2	4.570	116.1	3.23	1.47	16.0	406.4	150	10.3	*	200	Υ

^{*} Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.



^{**} Stock: "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



BS & WTM Corrugated Oil Field Suction / Vacuum Hose

Series 7213E

Series 7213E is a flexible, lightweight suction and discharge hose designed to handle brine, crude oil, mild chemicals, petroleum waste, sediments, sludge, slurries and water in harsh oil field bottom sediment and waste pit recovery applications. The corrugated hose construction incorporates a wire helix that provides full suction capability, flexibility, kink resistance, and a path to conduct a static electrical charge to ground. The nitrile/SBR cover is resistant to abrasion, oil and weathering.

NOTE: Do not use with refined oil or fuel.

Black nitrile/SBR

Reinforcement: Multiple textile plies with wire helix

Cover: Black nitrile/SBR; corrugated wrapped finish

Temp. Range: -22°F to +185°F (-30°C to +85°C)

Brand Method: White text on blue stripe

Brand Example: PARKER SERIES 7213E BS&W OIL FIELD SUCTION HOSE

150 PSI MAX WP

Industry Standards: None applicable

Applications: • Brine, crude oil, mild chemicals, petroleum waste, sediments, sludge,

slurries, water

· Oil field waste recovery, general industrial

Vacuum:

Kuriyama T601AA; Jason Tupelo 4677; Texcel Tex-Vac; Veyance Compare to:

Flextra Oilfield

Packaging: Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7213E-1500	1-1/2	38.1	2	1.976	50.2	0.86	0.39	4.0	101.6	150	10.3	*	100	Υ
7213E-2000	2	50.8	3	2.441	62.0	1.02	0.46	5.0	127.0	150	10.3	*	100	Υ
7213E-2500	2-1/2	63.5	3	2.953	75.0	1.29	0.59	6.2	157.5	150	10.3	*	100	Υ
7213E-3002	3	76.2	3	3.504	89.0	1.52	0.69	7.6	193.0	150	10.3	*	100	Υ
7213E-4002	4	101.6	3	4.567	116.0	2.49	1.13	12.0	304.8	150	10.3	*	100	Υ

Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

166



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TITANFLEX® Corrugated Oil Field Suction / Vacuum Hose

Series SWC509

Series SWC509 is a flexible, lightweight high pressure suction and discharge hose designed to handle brine, crude oil, mild chemicals, petroleum waste, sediments, sludge, slurries and water in harsh oil field bottom sediment and waste pit recovery applications. The corrugated hose construction incorporates a wire helix that provides full suction capability, flexibility, kink resistance, and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion and weathering. Series SWC509 is available in 200-foot continuous lengths.

NOTE: Do not use with refined oil or fuel.

Tube: Black nitrile

Reinforcement: Multiple textile plies with dual wire helix
Cover: Black SBR; corrugated wrapped finish
Temp. Range: -40°F to +160°F (-40°C to +71°C)

Brand Method: White text on blue stripe

Brand Example: PARKER SERIES SWC509 TITANFLEX® OIL FIELD VACUUM HOSE

XXX PSI WP MADE IN USA

Design Factor: 4:1

Industry Standards: None applicable

Applications:• Brine, crude oil, mild chemicals, petroleum waste, sediments, sludge,

slurries, water

Oil field equipment and service trucks

Vacuum: Full

Compare to: Jason Tupelo 4677; Kuriyama T601AA; Texcel Tex-Vac; Veyance Flextra

Oilfield

Packaging: Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SWC509-1000	1	25.4	2	1.500	38.1	0.58	0.26	1.0	25.4	250	17.2	*	100	N
SWC509-1500	1-1/2	38.1	2	2.063	51.6	0.90	0.41	1.5	38.1	250	17.2	*	100	Ν
SWC509-2000	2	50.8	2	2.563	65.0	1.21	0.55	2.0	50.8	250	17.2	*	100	Υ
SWC509-2500	2-1/2	63.5	2	3.125	77.0	1.44	0.65	2.5	63.5	200	13.8	*	100	Ν
SWC509-3000	3	76.2	2	3.625	91.0	1.92	0.87	3.0	76.2	200	13.8	*	100	Υ
SWC509-4000	4	101.6	2	4.625	117.0	2.59	1.17	4.0	101.6	150	10.3	*	100	Υ
SWC509-6000	6	152.4	4	6.810	172.9	5.48	2.49	10.0	254.0	125	8.6	*	100	Υ

^{*} Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.



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Corrugated Fracturing (Frac) Tank Hose

Series 7307

Series 7307 is a versatile suction and discharge hose designed to handle brine, crude oil, drilling mud, mild chemicals, petroleum waste, sediments, sludge, slurries and water in oil field applications such as frac tank service. The corrugated hose construction incorporates a wire helix that provides full suction capability, flexibility, kink resistance, and a path to conduct a static electrical charge to ground. The nitrile/SBR cover is resistant to abrasion, oil and weathering. Series 7307 is available in 200-foot continuous lengths.

NOTE: Do not use with refined oil or fuel.

Tube: Black nitrile/SBR

Reinforcement: Multiple textile plies with wire helix

Cover: Black nitrile/SBR; corrugated wrapped finish

-20°F to +180°F (-28°C to +82°C) Temp. Range:

Brand Method: Yellow text on blue stripe

PARKER SERIES 7307 OILFIELD SUCTION & FRAC TANK HOSE 150 PSI **Brand Example:**

MADE IN USA

Design Factor: 3:1

Industry Standards: None applicable

Applications: · Brine, crude oil, mild chemicals, petroleum waste, sediments, sludge,

slurries, water

· Frac tank transfer, oil field waste recovery, general industrial

Vacuum:

Compare to: Texcel Super Frac

Packaging: Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec	Std Pack Qty (ft)	Stock Status **
7307-6000	6	152.4	3	6.710	170.4	4.55	2.06	18.0	457.2	150	10.3	*	100	Υ
7307-8000	8	203.2	3	8.800	223.5	6.90	3.13	24.0	609.6	150	10.3	*	100	Υ

^{*} Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

168



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High Pressure Jetting Hose

Series 7335

Series 7335 is a standard duty jetting hose for slurries and water. The hose construction provides high pressure, high volume flow for cleanup and washdown applications. The cover is resistant to abrasion and weathering. Series 7335 is available in 200-foot continuous lengths.

Tube: Black SBR

Reinforcement: Multiple textile plies

Cover: Black SBR; wrapped finish

Temp. Range: -40°F to +180°F (-40°C to +82°C)

Brand Method: Black text on blue stripe

Brand Example: PARKER SERIES 7335 WATER JETTING HOSE 500 PSI MAX WP

MADE IN USA (LOT #)

Design Factor: 4:1

Industry Standards: None applicableApplications:Slurries, water

• Cable cover, cleaning, stripping, washdown

• Construction, general industrial, oil field, shipyards

Vacuum: Not recommended

Packaging: Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7335-1250	1-1/4	31.8	2	1.750	44.0	0.58	0.26	500	34.5	*	100	N
7335-1500	1-1/2	38.1	2	2.008	51.0	0.68	0.31	500	34.5	*	100	N
7335-2000	2	50.8	4	2.637	67.0	1.11	0.50	500	34.5	*	100	N
7335-2500	2-1/2	63.5	4	3.165	80.4	1.43	0.65	500	34.5	*	100	N
7335-3000	3	76.2	4	3.736	94.9	1.83	0.83	500	34.5	*	100	N
7335-4000	4	101.6	6	4.898	124.4	2.90	1.32	500	34.5	*	100	Υ

^{*} Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

169



^{**} Stock: "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



High Pressure Jetting Hose

Series SS111

Series SS111 is a heavy duty jetting hose for slurries and water. The hose construction provides high pressure, high volume flow for cleanup and washdown applications, and the SBR cover is resistant to abrasion and weathering.

Tube: Black SBR

Reinforcement: Multiple textile plies

Cover: Black SBR; wrapped finish
Temp. Range: -40°F to +180°F (-40°C to +82°C)

Brand Method: Black text on blue stripe

Brand Example: PARKER SERIES SS111 HIGH PRESSURE WATER JETTING XXX PSI WP

MADE IN USA

Design Factor: 4:1

Industry Standards: None applicableApplications:Slurries, water

• Cable cover, cleaning, stripping, washdown

· Construction, general industrial, oil field, shipyards

Vacuum: Not recommended

Packaging: Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SS111-2000	2	50.8	6	2.813	71.4	1.13	0.51	800	55.2	*	100	N
SS111-2500	2-1/2	63.5	6	3.313	84.2	1.37	0.62	800	55.2	*	100	N
SS111-3000	3	76.2	6	3.813	96.8	2.42	1.10	800	55.2	*	100	Υ
SS111-4000	4	101.6	6	4.813	122.2	3.10	1.41	800	55.2	*	100	Υ
SS111-5000	5	127.0	6	5.813	147.6	3.77	1.71	500	34.5	*	100	N
SS111-6000	6	152.4	8	7.000	177.8	5.23	2.37	500	34.5	*	100	Υ

^{*} Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.



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Mud Discharge Hose

Series 7309

Series 7309 is a heavy duty, high pressure discharge hose designed to handle drilling mud, mild chemicals, petroleum waste and water. The hose construction incorporates a heavy wall for durability and a static wire as a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, heat, mild chemicals and weathering. Series 7309 is available in 200-foot continuous lengths.

Tube:Black nitrile; ARPM Class A oil resistanceReinforcement:Multiple textile plies with static wireCover:Black chloroprene; wrapped finishTemp. Range:-20°F to +180°F (-28°C to +82°C)Brand Method:Black text on yellow stripe

Brand Example: PARKER SERIES 7309 MUD HOSE 300 PSI MAX WP MADE IN USA

Design Factor: 4:1

Industry Standards: ARPM Class A oil resistant tube

Applications: • Drilling mud, mild chemicals, oil, water

· General industrial, oil field

Vacuum: Not recommended

Packaging: Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec	Std Pack Qty (ft)	Stock Status **
7309-2000	2	50.8	4	2.764	70.2	1.75	0.79	24.0	609.6	300	20.7	*	100	N
7309-3000	3	76.2	4	3.835	97.4	2.67	1.21	36.0	914.4	300	20.7	*	100	N
7309-4000	4	101.6	4	4.898	124.4	3.58	1.62	48.0	1219.2	300	20.7	*	100	Υ
7309-5000	5	127.0	4	5.937	150.8	4.61	2.09	60.0	1524.0	300	20.7	*	100	N
7309-6000	6	152.4	6	7.087	180.0	6.28	2.85	72.0	1828.8	300	20.7	*	100	Υ
7309-8000	8	203.2	6	9.250	233.2	8.84	4.01	96.0	2438.4	300	20.7	*	100	N

^{*} Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

171



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Mud Suction Hose

Series TKW160

Custom Made Hose

Series TKW160 is a large diameter suction and discharge hose designed to handle drilling mud, mild chemicals, oily water, petroleum waste and sewage in oil field applications such as a flexible, vibration-dampening connection between the slush pump and mud pit during rotary well drilling. The hose construction incorporates a 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, oil and weathering.

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

Black nitrile

Reinforcement: Multiple textile plies with wire helix Black synthetic rubber; wrapped finish Cover: -40°F to +180°F (-40°C to +82°C) Temp. Range:

Brand Method: Black text on red stripe

PARKER MUD SUCTION HOSE **Brand Example:**

Design Factor: 4:1

Industry Standards: None applicable

Applications: Drilling mud, mild chemicals, oily water, petroleum waste, sewage

· General industrial, oil field

Vacuum:

Packaging: Coils; straight lengths in bales or slat packs **Couplings:** Plain ends or ends per customer specification

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Max Lg (ft)
TKW160-4000	4	101.6	4	5.000	127.0	4.7	2.13	24.0	609.6	100	7.0	100
TKW160-6000	6	152.4	4	7.125	181.0	8.5	3.90	36.0	914.4	100	7.0	100
TKW160-8000	8	203.2	4	9.250	235.0	12.8	5.81	48.0	1219.2	100	7.0	100
TKW160-10000	10	254.0	4	11.375	288.9	19.5	8.85	60.0	1524.0	100	7.0	50
TKW160-12000	12	304.8	4	13.375	339.7	24.8	11.25	72.0	1828.8	100	7.0	50

172





WILDCATTER® Slim Hole Rotary Drill Hose

Series 7234

Series 7234 is a heavy duty, high pressure, versatile hose designed to handle cement solutions, mild chemicals, oil and water in oil field applications such as rotary service on portable drilling units, reverse circulation systems, seismic equipment and workover rigs. The hose construction incorporates multiple plies of high tensile wire reinforcement that provide high pressure capability, crush resistance, durability, kink resistance and a path to conduct a static eletrical charge to ground. The nitrile/PVC cover is resistant to abrasion, oil and weathering.

Tube: Black nitrile **Reinforcement:** Multiple wire plies

Cover: Black nitrile/PVC; wrapped finish Temp. Range: -40°F to +200°F (-40°C to +93°C)

Brand Method: Black text on blue stripe

PARKER SERIES 7234 WILDCATTER® 3000 PSI MAX WP (CAGE CODE) **Brand Example:**

(DATE/MFG CODE)

Design Factor: 3.3:1

Industry Standards: None applicable

· Cement solutions, mild chemicals, oil, water **Applications:**

• Portable drilling units, workover rigs

· General industrial, oil field

Vacuum: Not recommended

Compare to: Gates Powerbraid Plus Slim Rotary Hole

Packaging:

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7234-2002	2	50.8	4	2.593	65.9	2.75	1.25	12.5	317.5	3000	206.8	WC	100	Υ

Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.



Stock: "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



WILDCATTER® Hot Oiler Hose

Series 7301

Series 7301 is a heavy duty, high pressure hose for hot oil at 275°F continuous/300°F intermittent (135°C/149°C). The hose construction incorporates multiple wire braids of reinforcement for crush resistance, durability, kink resistance and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, heat, oil and weathering.

Tube: Black chloroprene **Reinforcement:** Multiple wire braids

Cover: Black chloroprene; wrapped finish

Temp. Range: -40°F to +275°F/300°F (-40°C to +135°C/149°C)

Brand Method: Red text on black stripe

Brand Example: PARKER SERIES 7301 WILDCATTER HOT OILER HOSE (ID)

2250 PSI MAX WP TEMP RATING 275°F CONTINUOUS

300°F INTERMITTENT 001 (DATE CODE)

Design Factor: 3:1

Industry Standards: None applicable

Applications:

• Hot asphalt, glue, tar, oil, wax
• In-plant transfer; delivery trucks

Construction, general industrial, oil field

Vacuum: Not recommended

Packaging: Coils

Part Number	ID (in)	ID (mm)	Reinf Braids	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec	Std Pack Qty (ft)	Stock Status **
7301-1502	1-1/2	38.1	2	2.000	50.8	1.59	0.72	13.0	330.2	2250	155.1	71	50	Υ
7301-1502075	1-1/2	38.1	2	2.000	50.8	1.59	0.72	13.0	330.2	2250	155.1	71	75	Υ

^{*} Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

174



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