

### Hose Selector Guide – by application

Series	Trademark	Hose Application / Construction / Selector Guide		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 service	Corrugated	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
<b>TKW160</b>		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.





## BS & W™ 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 (Ibs/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	Y
7208E-3000200	3	76.2	2	3.540	89.9	2.18	0.99	12.0	304.8	150	10.3	*	200	Y
7208E-4000200	4	101.6	2	4.570	116.1	3.23	1.47	16.0	406.4	150	10.3	*	200	Y

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





# BS & W<sup>TM</sup> 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.

Tube: Reinforcement: Cover: Temp. Range: Brand Method: Brand Example: Industry Standards:	Black nitrile/SBR Multiple textile plies with wire helix Black nitrile/SBR; corrugated wrapped finish -22°F to +185°F (-30°C to +85°C) White text on blue stripe PARKER SERIES 7213E BS&W OIL FIELD SUCTION HOSE 150 PSI MAX WP None applicable
Applications: Vacuum: Compare to: Packaging:	<ul> <li>Brine, crude oil, mild chemicals, petroleum waste, sediments, sludge, slurries, water</li> <li>Oil field waste recovery, general industrial Full Kuriyama T601AA; Jason Tupelo 4677; Texcel Tex-Vac; Veyance Flextra Oilfield Coils</li> </ul>
	OD Approx Approx Min Min Max Max Perm Std Stock

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	Y
7213E-2000	2	50.8	3	2.441	62.0	1.02	0.46	5.0	127.0	150	10.3	*	100	Y
7213E-2500	2-1/2	63.5	3	2.953	75.0	1.29	0.59	6.2	157.5	150	10.3	*	100	Y
7213E-3002	3	76.2	3	3.504	89.0	1.52	0.69	7.6	193.0	150	10.3	*	100	Y
7213E-4002	4	101.6	3	4.567	116.0	2.49	1.13	12.0	304.8	150	10.3	*	100	Y

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





#### 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
<b>Reinforcement:</b>	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:	<ul> <li>Brine, crude oil, mild chemicals, petroleum waste, sediments, sludge, slurries, water</li> <li>Oil field equipment and service trucks</li> </ul>
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	Ν
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	Y
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	Y
SWC509-4000	4	101.6	2	4.625	117.0	2.59	1.17	4.0	101.6	150	10.3	*	100	Y
SWC509-6000	6	152.4	4	6.810	172.9	5.48	2.49	10.0	254.0	125	8.6	*	100	Y

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





# **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.

ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt	Approx Wt	Min Bend	Min Bend	Max Rec WP	Max Rec WP	Perm Cplg	Std Pack	Stock Status
	Vacuum Compar Packagi	e to:		<ul> <li>Frac t</li> <li>Full</li> </ul>	s, water ank trans uper Fra	,	ield was	ste recov	ery, gene	eral indu	strial	
	Design I Industry Applicat	Stand		3:1 None ap • Brine,	plicable crude oi	il, mild c	hemica	ls, petrol	eum was	te, sedir	ments, s	ludge,
	Tube: Reinford Cover: Temp. R Brand M Brand E	ange: lethod	:	Multiple Black ni -20°F to Yellow to	+180°F ext on blue SERIES	lies with ; corrug (-28°C to ue stripe	ated wr o +82°C e	apped fi )	nish DN & FR4	AC TANI	< HOSE	150 PSI
	Tube:			Black ni	trile/SBR							

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (Ibs/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	Y
7307-8000	8	203.2	3	8.800	223.5	6.90	3.13	24.0	609.6	150	10.3	*	100	Y

<sup>\*</sup> 

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





### **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.

ID Reinf OD (mm) Plies (in)	OD (mm)	Approx Wt	Approx Wt	Max Rec WP	Max Rec WP	Perm Cpla	Std Pack Qtv	S
Vacuum: Packaging:	Not recom Coils	<i>,</i> 0		istrial, Oli	neid, ship	ya US		
	<ul><li>Cable co</li><li>Constru</li></ul>		0.	11 07		warde		
Applications:	<ul> <li>Slurries,</li> </ul>							
Industry Standards:	None appl	icable						
Design Factor:	4:1		π)					
Brand Example:	PARKER S MADE IN U			ER JET H	NG HOSE	: 500 PS	SI MAX WF	,
Brand Method:	Black text							
Temp. Range:	-40°F to +	`		32°C)				
Cover:	Black SBF	; wrappe	d finish					
Reinforcement:	Multiple te	xtile plies	3					
Tube:	Black SBF	ł						

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	Ν
7335-1500	1-1/2	38.1	2	2.008	51.0	0.68	0.31	500	34.5	*	100	Ν
7335-2000	2	50.8	4	2.637	67.0	1.11	0.50	500	34.5	*	100	Ν
7335-2500	2-1/2	63.5	4	3.165	80.4	1.43	0.65	500	34.5	*	100	Ν
7335-3000	3	76.2	4	3.736	94.9	1.83	0.83	500	34.5	*	100	Ν
7335-4000	4	101.6	6	4.898	124.4	2.90	1.32	500	34.5	*	100	Y

\*

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



SERIES

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#### 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 applicable
Applications:	Slurries, water
	<ul> <li>Cable cover, cleaning, stripping, washdown</li> </ul>
	<ul> <li>Construction, general industrial, oil field, shipyards</li> </ul>
Vacuum:	Not recommended
Packaging:	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (Ibs/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	Ν
SS111-2500	2-1/2	63.5	6	3.313	84.2	1.37	0.62	800	55.2	*	100	Ν
SS111-3000	3	76.2	6	3.813	96.8	2.42	1.10	800	55.2	*	100	Y
SS111-4000	4	101.6	6	4.813	122.2	3.10	1.41	800	55.2	*	100	Y
SS111-5000	5	127.0	6	5.813	147.6	3.77	1.71	500	34.5	*	100	Ν
SS111-6000	6	152.4	8	7.000	177.8	5.23	2.37	500	34.5	*	100	Υ

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





# 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: Reinforcement: Cover: Temp. Range: Brand Method: Brand Example: Design Factor: Industry Standards: Applications:	Black nitrile; ARPM Class A oil resistance Multiple textile plies with static wire Black chloroprene; wrapped finish -20°F to +180°F (-28°C to +82°C) Black text on yellow stripe PARKER SERIES 7309 MUD HOSE 300 PSI MAX WP MADE IN USA 4:1 ARPM Class A oil resistant tube • Drilling mud, mild chemicals, oil, water
Applications:	<ul><li>Drilling mud, mild chemicals, oil, water</li><li>General industrial, oil field</li></ul>
Vacuum:	Not recommended
Packaging:	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (Ibs/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	Ν
7309-3000	3	76.2	4	3.835	97.4	2.67	1.21	36.0	914.4	300	20.7	*	100	Ν
7309-4000	4	101.6	4	4.898	124.4	3.58	1.62	48.0	1219.2	300	20.7	*	100	Y
7309-5000	5	127.0	4	5.937	150.8	4.61	2.09	60.0	1524.0	300	20.7	*	100	Ν
7309-6000	6	152.4	6	7.087	180.0	6.28	2.85	72.0	1828.8	300	20.7	*	100	Y
7309-8000	8	203.2	6	9.250	233.2	8.84	4.01	96.0	2438.4	300	20.7	*	100	Ν

\*

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





### 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.

Tube:	Black nitrile
<b>Reinforcement:</b>	Multiple textile plies with wire helix
Cover:	Black synthetic rubber; wrapped finish
Temp. Range:	-40°F to +180°F (-40°C to +82°C)
Brand Method:	Black text on red stripe
Brand Example:	PARKER MUD SUCTION HOSE
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	• Drilling mud, mild chemicals, oily water, petroleum waste, sewage
	<ul> <li>General industrial, oil field</li> </ul>
Vacuum:	Full
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 (Ibs/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



## 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.

Brand Method:       Black text on blue stripe         Brand Example:       PARKER SERIES 7234 WILDCATTER® 3000 PSI MAX WP (CAGE CODE) (DATE/MFG CODE)         Design Factor:       3.3:1         Industry Standards:       None applicable         Applications:       Cement solutions, mild chemicals, oil, water         Portable drilling units, workover rigs       General industrial, oil field         Vacuum:       Not recommended         Compare to:       Gates Powerbraid Plus Slim Rotary Hole         Packaging:       Coils		Design Factor: Industry Stand Applications: Vacuum: Compare to: Packaging: Reinf OD	: e: lards:	PARKER (DATE/M 3.3:1 None ap • Cemer • Portab • Gener Not reco Gates Po Coils	wire plies rile/PVC +200°F ( kt on blue SERIES FG COD plicable nt solution plicable drilling al industion mmende powerbraid	; wrapp (-40°C t e stripe 7234 V E) ons, mild g units, rial, oil f ed d Plus S Min	o +93°C) VILDCAT d chemic workove ïield Slim Rota Min	TER® 3( als, oil, r rigs ıry Hole	water		,	,	
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Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (Ibs/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	Y

\*\* 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: Reinforcement: Cover:	Black chloroprene Multiple wire braids 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:	<ul> <li>Hot asphalt, glue, tar, oil, wax</li> <li>In-plant transfer; delivery trucks</li> <li>Construction, general industrial, oil field</li> </ul>
Vacuum:	Not recommended
Packaging:	Coils

Part Number	ID (in)	ID (mm)	Reinf Braids	OD (in)	OD (mm)	Approx Wt (Ibs/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	Y
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

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