Dock


WARNING
DANGEROUS CARGO
- No Visitors
- No Smoking
- No Open Lights

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.
EW339		Petroleum	50% aromatics	Nitrile	Synthetic rubber	6 - 12	200	-40 / +180	91
EW355		Petroleum	50% aromatics	Nitrile	Synthetic rubber	6 - 12	250	-40 / +180	92
EW399		Petrochemical	100% aromatics	FKM	Synthetic rubber	4 - 10	250	-40 / +180	96
EW460		Molten sulphur		EPDM	EPDM	6 - 10	200	-40 / +300	97
EW499		Hot tar & asphalt		FKM	Synthetic rubber	4 - 10	200	-40 / +350	98
EWC439		Petroleum	50% aromatics, corrugated	Nitrile	Synthetic rubber	4 - 12	225	-40 / +180	93
SW339		Petroleum	50% aromatics	Nitrile	Synthetic rubber	4 - 8	200	-40 / +180	94
SW356		Petroleum	60% aromatics	Nitrile	Synthetic rubber	4 - 8	250-300	-40 / +180	95

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.

Hose Selector Guide – by industry standard

Industry Standards	USCG
Hose Series	EW339
	EW355
	EW399
	EW460
	EW499
	EWC439
	SW339

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.

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

Heavy Duty Dock Hose – Petroleum Service USCG

Series EW339

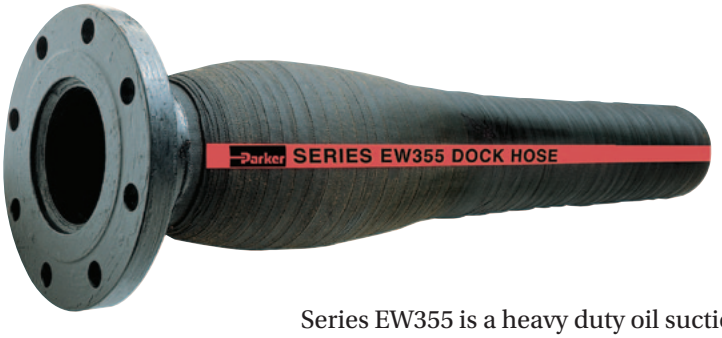
Custom Made Hose

Series EW339 is a heavy duty oil suction and discharge (OS&D)/dock hose for transferring oil between tankers, barges, and storage tanks. The hose construction incorporates a specially formulated tube that resists media to 50% aromatic content. The wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The rugged cover is resistant to abrasion, mild chemicals, oil and weathering. Series EW339 meets all United States Coast Guard (USCG) requirements for dock/OS&D hose.

NOTES:
- Other customized versions of this product are available. Contact Parker.
- For corrugated construction, refer to Series EWC339. Contact Parker.
- For smaller diameter hose, refer to Series SW339.

Tube:	Black nitrile
Reinforcement:	Multiple plies of tire cord 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 SERIES EW339 NITRILE / OIL SERVICE
Design Factor:	4:1
Industry Standards:	USCG
Applications:	• Oil and fuel to 50% aromatic content • Transfer between barges, storage tanks and marine vessels
Vacuum:	Full
Packaging:	Lengths or coils in bales, crates or slat packs
Couplings:	Built-in nipples, male pipe or flanged. Other configurations available. Contact Parker.

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)
EW339-6000	6	152.4	4	7.125	181.0	8.00	3.63	36.0	914.4	200	13.8	100
EW339-8000	8	203.2	6	9.375	247.7	13.30	6.03	48.0	1219.2	200	13.8	50
EW339-10000	10	254.0	8	11.750	298.5	20.00	9.07	60.0	1524.0	200	13.8	50
EW339-12000	12	304.8	8	13.750	349.3	27.00	12.25	72.0	1828.8	200	13.8	50



Heavy Duty Dock Hose – Petroleum Service USCG

Series EW355

Custom Made Hose

Series EW355 is a heavy duty oil suction and discharge (OS&D)/dock hose for transferring oil between tankers, barges, and storage tanks. The hose construction incorporates a specially formulated tube that resists media to 50% aromatic content. The wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The rugged cover is resistant to abrasion, mild chemicals, oil and weathering. Series EW355 meets all United States Coast Guard (USCG) requirements for dock/OS&D hose.

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

Tube:	Black nitrile
Reinforcement:	Multiple plies of tire cord 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 SERIES EW355 DOCK HOSE 250 PSI ASSEMBLY - USCG CERTIFIED - USA
Design Factor:	4:1
Industry Standards:	USCG
Applications:	• Oil and fuel to 50% aromatic content • Transfer between barges, storage tanks and marine vessels
Vacuum:	Full
Packaging:	Lengths or coils in bales, crates or slat packs
Couplings:	ANSI 150# carbon steel built-in nipples and fixed x floating flanges. Other lengths and configurations available. Contact Parker.

Assembly Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ea)	Approx Wt (kg/ea)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Assy Lg (ft)	Stock Status **
EW355X6000KAB-300	6	152.4	6	7.250	184.2	300.00	136.10	36.0	914.4	250	17.2	25	Y
EW355X6000KAB-360	6	152.4	6	7.250	184.2	330.00	149.70	36.0	914.4	250	17.2	30	Y
EW355X8000KAB-360	8	203.2	8	9.500	241.3	550.00	249.50	48.0	1219.2	250	17.2	30	Y
EW355X10000KAB-300	10	254.0	8	11.750	298.5	655.00	297.10	60.0	1524.0	250	17.2	25	Y
EW355X12000KAB-240	12	304.8	10	13.875	352.4	785.00	356.10	72.0	1828.8	250	17.2	20	Y

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change.

Corrugated Flex Barge Dock Hose – Petroleum Service USCG

Series EWC439

Custom Made Hose

Series EWC439 is a heavy duty oil suction and discharge (OS&D)/dock hose for transferring oil between tankers, barges, and storage tanks. The hose construction incorporates a specially formulated tube that resists media to 50% aromatic content. The wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The rugged corrugated cover provides additional flexibility and is resistant to abrasion, mild chemicals, oil and weathering. Series EWC439 meets all United States Coast Guard (USCG) requirements for dock/OS&D hose.

NOTE: For 300 psi hose, refer to Series EWC356. Other customized versions of this product are available. Contact Parker.

Tube:	Black nitrile
Reinforcement:	Multiple plies of tire cord with dual wire helix
Cover:	Black synthetic rubber; corrugated wrapped finish
Temp. Range:	-40°F to +180°F (-40°C to +82°C)
Brand Method:	Black text on red stripe
Brand Example:	PARKER SERIES EWC439 FLEX BARGE HOSE
Design Factor:	4:1
Industry Standards:	USCG
Applications:	• Oil and fuel to 50% aromatic content • Transfer between barges, storage tanks and marine vessels
Vacuum:	Full
Packaging:	Lengths or coils in bales, crates or slat packs
Couplings:	Built-in nipples, male pipe or flanged. Other configurations available. Contact Parker.

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)
EWC439-4000	4	101.6	4	5.000	127.0	4.30	1.95	20.0	508.0	225	15.5	100
EWC439-6000	6	152.4	6	7.250	184.2	8.20	3.72	29.0	736.6	225	15.5	100
EWC439-8000	8	203.2	6	9.406	238.9	12.30	5.58	38.0	965.2	225	15.5	50
EWC439-10000	10	254.0	8	11.719	297.7	21.01	9.53	48.0	1219.2	225	15.5	50
EWC439-12000	12	304.8	10	13.906	353.2	27.06	12.27	58.0	1473.2	225	15.5	50

Heavy Duty Dock Hose – Petroleum Service
USCG
Series SW339

Series SW339 is a heavy duty oil suction and discharge (OS&D)/dock hose for transferring oil between tankers, barges, and storage tanks. The hose construction incorporates a specially formulated tube that resists media to 50% aromatic content. The dual wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The rugged cover is resistant to abrasion, mild chemicals, oil and weathering. Series SW339 meets all United States Coast Guard (USCG) requirements for dock/OS&D hose.

NOTES:
- For corrugated hose, refer to Series EWC439.
- For larger diameter hose, refer to Series EW339.

Tube:	Black nitrile
Reinforcement:	Multiple plies of tire cord with dual 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 SERIES SW339 NITRILE/OIL SERVICE 200 PSI WP MADE IN USA
Design Factor:	4:1
Industry Standards:	USCG
Applications:	• Oil and fuel to 50% aromatic content • Transfer between barges, storage tanks and marine vessels
Vacuum:	Full
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)	Std Pack Qty (ft)	Stock Status **
SW339-4000	4	101.6	4	5.188	131.8	5.80	2.63	16.0	406.4	200	14	100	N
SW339-6000	6	152.4	4	7.250	184.2	9.41	4.27	36.0	914.4	200	14	100	N
SW339-8000	8	203.2	4	9.250	235.0	12.35	5.60	48.0	1219.2	200	14	100	N

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

Heavy Duty Dock Hose – Petroleum Service

Series SW356

Series SW356 is a heavy duty oil suction and discharge (OS&D)/dock hose for transferring oil between tankers, barges, and storage tanks. The hose construction incorporates a specially formulated tube that resists media to 60% aromatic content. The wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The rugged cover is resistant to abrasion, mild chemicals, oil and weathering.

Tube: Black nitrile
Reinforcement: Multiple plies of tire cord with dual 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 SERIES SW356 HEAVY DUTY OS&D HOSE XXX PSI WP MADE IN U.S.A.
Design Factor: 4:1
Industry Standards: None applicable
Applications:
- Oil and fuel to 60% aromatic content
- Transfer between barges, storage tanks and marine vessels

Vacuum: Full
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)	Std Pack Qty (ft)	Stock Status **
SW356-4000	4	101.6	4	5.250	133.4	6.09	2.76	20.0	508.0	300	20.7	100	N
SW356-6000	6	152.4	4	7.375	187.3	9.80	4.45	34.0	863.6	300	20.7	100	Y
SW356-8000	8	203.2	4	9.375	238.1	12.69	5.76	46.0	1168.4	250	17.2	100	Y

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

Heavy Duty Dock Hose – Petrochemical Service

FKM Tube, USCG

Series EW399

Custom Made Hose

Series EW399 is a heavy duty, high pressure suction and discharge/dock hose for transferring oil, fuel and petrochemical products between tankers, barges, and storage tanks. The hose construction incorporates a specially formulated, premium quality tube that resists multiple types and concentrations of media to 100% aromatic content. The wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The rugged cover is resistant to abrasion, mild chemicals, oil and weathering. Series EW399 meets all United States Coast Guard (USCG) requirements for dock/OS&D hose.

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

Tube:	Black FKM fluoroelastomer
Reinforcement:	Multiple plies of tire cord 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 SERIES EW399 FKM DOCK / OS&D HOSE
Design Factor:	4:1
Industry Standards:	USCG
Applications:	• Petrochemicals; oil and fuel to 100% aromatic content • Transfer between barges, storage tanks and marine vessels
Vacuum:	Full
Packaging:	Lengths or coils in bales, crates or slat packs
Couplings:	Built-in nipples, male pipe or flanged. Other configurations available. Contact Parker.

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)
EW399-4000	4	101.6	4	5.250	133.4	5.50	2.49	24.0	609.6	250	17.2	100
EW399-6000	6	152.4	6	7.313	185.7	8.50	3.86	36.0	914.4	250	17.2	100
EW399-8000	8	203.2	8	9.500	241.3	14.80	6.71	48.0	1219.2	250	17.2	50
EW399-10000	10	254.0	10	12.000	304.8	23.00	10.43	60.0	1524.0	250	17.2	50

Molten Sulphur Dock Hose
USCG
Series EW460
Custom Made Hose

Series EW460 is a heavy duty, high temperature suction and discharge/dock hose for transferring molten sulphur between tankers, barges, and storage tanks. The hose construction incorporates a specially formulated high grade EPDM tube that features a temperature rating to 300°F (149°C). The wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The rugged, high grade EPDM cover is resistant to abrasion, heat, mild chemicals and ozone. Series EW460 meets all United States Coast Guard (USCG) requirements for dock/OS&D hose.

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

Tube:	Black EPDM
Reinforcement:	Multiple plies of tire cord with wire helix
Cover:	Black EPDM; wrapped finish
Temp. Range:	-40°F to +300°F (-40°C to +149°C)
Brand Method:	Black text on red stripe
Brand Example:	PARKER SERIES EW460 MOLTEN SULPHUR DOCK HOSE
Design Factor:	5:1
Industry Standards:	USCG
Applications:	• Hot, molten sulphur • Transfer between barges, storage tanks and marine vessels
Vacuum:	Full
Packaging:	Lengths or coils in bales, crates or slat packs
Couplings:	Built-in nipples, male pipe or flanged. Other configurations available. Contact Parker.

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)
EW460-6000	6	152.4	6	8.000	203.2	12.00	5.44	42.0	1066.8	200	13.8	100
EW460-8000	8	203.2	8	10.250	260.4	20.00	9.07	54.0	1371.6	200	13.8	50
EW460-10000	10	254.0	8	12.250	311.2	28.00	12.70	66.0	1676.4	200	13.8	50

Hot Tar & Asphalt Hose
FKM Tube
USCG
Series EW499
Custom Made Hose

Series EW499 is a heavy duty, high temperature suction and discharge/dock hose for transferring hot tar and asphalt between tankers, barges, and storage tanks. The hose construction incorporates a specially formulated tube that features a temperature rating to 350°F (177°C). The wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The rugged cover is resistant to abrasion, heat, oil and weathering. Series EW499 meets all United States Coast Guard (USCG) requirements for dock/OS&D hose.

NOTES:
- Other customized versions of this product are available. Contact Parker.
- For smaller diameter suction and discharge hose, refer to Series SW387.
- For high pressure applicator hose, refer to Series 7204.

Tube:	Black FKM fluoroelastomer
Reinforcement:	Multiple plies of tire cord with wire helix
Cover:	Black synthetic rubber; wrapped finish
Temp. Range:	-40°F to +350°F (-40°C to +177°C)
Brand Method:	Black text on red stripe
Brand Example:	PARKER SERIES EW499 HOT TAR & ASPHALT HOSE
Design Factor:	5:1
Industry Standards:	USCG
Applications:	• Hot asphalt, oil, tar • Transfer between barges, storage tanks and marine vessels
Vacuum:	Full
Packaging:	Lengths or coils in bales, crates or slat packs
Couplings:	Built-in nipples, male pipe or flanged. Other configurations available. Contact Parker.

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)
EW499-4000	4	101.6	4	5.250	133.3	5.50	2.49	28.0	711.2	200	13.8	100
EW499-6000	6	152.4	6	7.500	190.5	9.90	4.50	42.0	1066.8	200	13.8	100
EW499-8000	8	203.2	8	9.875	250.8	15.30	6.90	54.0	1371.6	200	13.8	50
EW499-10000	10	254.0	8	12.000	304.8	20.80	9.43	66.0	1676.4	200	13.8	50

⚠ **WARNING!** Do not use above 350°F (177°C) or for applications beyond its intended service.