

Hydraulic Hose

Hydraulic Hose

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Fitting Configurations

by Connection and End Code

End Code		Description
Pipe	01	Male NPT Pipe - Rigid - Straight
Flare	06 37 39	Female JIC 37° - Swivel - Straight Female JIC 37° - Swivel - 45° Elbow - Short Drop Female JIC 37° - Swivel - 90° Elbow - Short Drop
Metric	1C C9	90° Metric Female Swivel 24° with O-ring Female Metric S - Swivel - Straight (24° Cone with O-ring)
Specialty	9G 9M 9W AY TU	Straight Dual Seal 45° Dual Seal 90° Dual Seal Type "M" Swivel - Female Universal Tube Stub

Hydraulic Hose Pressure & Size Overview

Part Number	Dimension Data						Max. Working Pressure		Min. Bend Radius		Weight		Fitting	Design Factor
	DN	Size	I.D. inch	I.D. mm	O.D. inch	O.D. mm	psi	bar	inch	mm	lbs./ft.	kg/mtr		
DN2														
2020N-012R30	2	-012	5/64	2.0	0.20	4.9	6,890	475	0.79	20	0.01	0.02	EX	2.5
DN3														
2020N-02V30	3	-02	1/8	3.2	0.24	6.0	5,800	400	1.20	30	0.02	0.02	EX/RX	2.5
DN4														
2380N-025V10	4	-025	5/32	4.0	0.38	9.7	10,875	750	2.17	55	0.11	0.16	8X	4.0
DN6														
2022N-04V15	6	-04	1/4	6.4	0.54	12.8	10,000	690	3.94	100	0.09	0.14	8X	4.0
2022N-04V10-P	6	-04	1/4	6.4	0.54	12.8	10,000	690	3.94	100	0.09	0.14	8X	4.0
2380N-04V0x	6	-04	1/4	6.4	0.52	12.3	10,150	690	2.80	70	0.18	0.27	8X	4.0
DN8														
2380N-05V00	8	-05	5/16	7.9	0.62	15.8	14,500	1,000	3.54	90	0.24	0.35	LX	2.5
DN10														
2390N-06V13	10	-06	3/8	9.5	0.71	18.1	6,450	445	4.72	120	0.28	0.41	9X	4.0
DN12														
2388N-08V13	12	-08	1/2	12.7	0.91	23.1	15,950	1,100	4.72	120	0.54	0.80	BS	2.5
2390N-08V1x	12	-08	1/2	12.7	0.83	21.2	6,017	415	5.91	150	0.36	0.54	9X	4.0
DN25														
2390N-16V13	25	-16	1	25.4	1.38	35.0	4,060	280	11.02	280	0.79	1.17	E4	4.0
DN32														
2380N-20V30	32	-20	1-1/4	31.8	1.73	44.0	3,990	275	15.75	400	1.23	1.83	NX	4.0

Assembly working pressure is dependent on the lowest rated component. Therefore, if fittings have a lower pressure rating than the hose, the working pressure of the fittings is the working pressure of the assembly.

5/64" - 6,890 psi Hydraulic Hose

2020N-012R30



Extremely small hose for high pressure service requirements

Construction

- Core Tube: Polyamide 12
- Pressure Reinforcement: One braided layer of high tensile synthetic fiber
- Cover: Polyamide
- Standard Color: x0 - Black

Temperature

- Temperature Range: -40°F to 180°F (-40°C to 82°C)

Design Factor

- 4

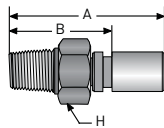
Notes

- Not for use in airless paint spray or solvent spraying applications. Not a static dissipative hose.
- For gas service, order 2020N-012R30-PP - Hose is pin-pricked for gas service.
- Refer to pg. A-10, paragraph 5 of "Notes on Chemical Resistance" for gas applications.

[Visit the webpage](#)

Part Number	Nominal I.D.				Max. O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Fitting Series
	DN	Size	inch	mm	inch	mm	psi	bar	inch	mm	lbs./ft.	kg/mtr	
2020N-012R30	2	-012	5/64	2	0.20	4.9	6,890	475	0.79	20	0.01	0.02	EX

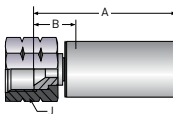
101EX - NPT Male



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
101EX-2-012	2	-012	5/64	2	1/4" - 18	1.54	39	1.10	28	0.56	14
101EX-4-012					1/8" - 27	1.37	35	0.93	24	0.44	11

Carbon Steel, Zinc-plated

106EX - JIC 37° Female Flare



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
106EX-4-012	2	-012	5/64	2	7/16" - 20	1.00	25	0.55	14	0.67	17

Carbon Steel, Zinc-plated



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.

1/8" - 5,800 psi Hydraulic Hose

2020N-02V30



Extremely small hose for high pressure service requirements

Construction

- Core Tube: Polyamide 12
- Pressure Reinforcement: One braided layer of high tensile synthetic fiber
- Cover: Polyamide, pin-pricked
- Standard Color: x0 - Black

Temperature

- Temperature Range:
-40°F to 180°F (-40°C to 82°C)

Design Factor

- 4

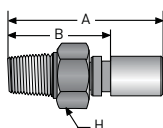
Notes

- Not for use in airless paint spray or solvent spraying applications. Not a static dissipative hose.
- Hose is pin-pricked for gas service.
- RX Series fittings are field assembled. Contact the division for more information.
- Refer to pg. A-10, paragraph 5 of "Notes on Chemical Resistance" for gas applications.

[Visit the webpage](#)

Part Number	Nominal I.D.				Max. O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Fitting Series
	DN	Size	inch	mm	inch	mm	psi	bar	inch	mm	lbs./ft.	kg/mtr	
2020N-02V30	3	-02	1/8	3	0.24	6.0	5,800	400	1.20	30	0.02	0.02	EX/RX

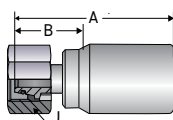
601EX - NPT Male



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
601EX-2-2C	3	-02	1/8	3	1/8" - 27	1.33	34	0.93	24	0.44	11

C - All components Stainless Steel

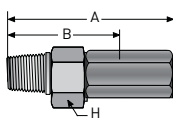
1C9EX - Metric Swivel - Female



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
1C9EX-8-02	3	-02	1/8	3	M 16 x 1.5	1.26	32	.87	22	0.75	19

Carbon Steel, Zinc-plated

201RX - NPT Male



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
201RX-2-2C	3	-02	1/8	3	1/8" - 27	1.54	39	1.10	28	0.44	11

C - All components Stainless Steel

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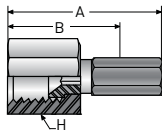
WARNING

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.

1/8" - 5,800 psi Hydraulic Hose

2020N-02V30

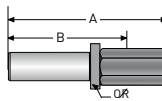
206RX - JIC 37° Female Flare



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
206RX-4-2C	3	-02	1/8	3	7/16" - 20	1.56	40	1.10	28	0.56	14

C - All components Stainless Steel

2TURX - Tube Stub



Part Number	Nominal I.D.				Flange Size	Overall Length A		Cutoff Allow. B		Diameter R	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
2TURX-4-2C	3	-02	1/8	3	1/4" TUBE	1.65	42	1.20	30	0.38	10

C - All components Stainless Steel

Accessories Part Numbers

Bend Restrictor

MBR003 (w/ reusable fittings)
MBR004 (w/ crimp fittings)

Technical details available in Section D.



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.

1/4" - 10,000 psi Hydraulic Hose

2022N-04V1x

Long-length hose and hose umbilicals requiring lightweight construction



Construction

- Core Tube: Polyamide 12
- Pressure Reinforcement: Aramid fiber braid
- Cover: Polyurethane
- Standard Color: x0 - Black, x5 - Orange

Temperature

- Temperature Range:
-40°C to +176°F (-40°C to 80°C)

Design Factor

- 4

Certifications

- Meets or exceeds SAE J517/J343 for less than 50 microamps leakage under 75000 volts per foot*

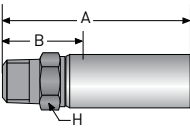
Notes

- *Non-conductive hose. In non-flammable gas transfer applications, use 2022N-04V10-P.
- Warning tags are required for all hose assemblies.
- Bend restrictors are required for all hand held applications. Parker Parflex suggests the use bend restrictors for all assemblies.
- Refer to pg. A-10, paragraph 5 of "Notes on Chemical Resistance" for gas applications.

[Visit the webpage](#)

Part Number	Nominal I.D.				Max. O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Fitting Series
	DN	Size	inch	mm	inch	mm	psi	bar	inch	mm	lbs./ft.	kg/mtr	
2022N-04V10-P	6	-04	1/4	6.4	0.54	12.8	10,000	690	3.94	100	0.09	0.14	8X
2022N-04V15*	6	-04	1/4	6.4	0.54	12.8	10,000	690	3.94	100	0.09	0.14	8X

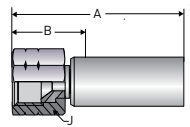
1018X - NPT Male



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
1018X-4-04	6	-04	1/4	6.4	1/4" - 18	2.54	65	1.30	33	0.56	14
1018X-4-04C											
1018X-6-04					3/8" - 18	3.41	87	1.38	35	0.75	19
1018X-6-04C											

Carbon Steel, Zinc-plated C - All components Stainless Steel

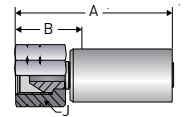
1068X - JIC 37° Female Flare



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
1068X-4-04	6	-04	1/4	6.4	7/16" - 18	2.24	57	1.02	26	0.75	19
1068X-4-04C											
1068X-6-04					9/16" - 18	3.41	87	0.94	24		
1068X-6-04C											

Carbon Steel, Zinc-plated C - All components Stainless Steel

1AY8X - Type "M" Swivel - Female



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
1AY8X-6-04	6	-04	1/4	6.4	9/16" - 18	2.60	66	1.38	35	0.67	17
1AY8X-6-04C											

Carbon Steel, Zinc-plated C - All components Stainless Steel

Accessories Part Numbers

Hose Guard	Hose Tags
HG2022N-4	2022N-TAG 2022N-Nonconductive-TAG

Technical details available in Section D.



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.

5/32" - 10,875 psi Hydraulic Hose

2380N-025V10

Small diameter hose with low volumetric expansion. Long continuous lengths.



Construction

- Core Tube: Polyamide 12
- Pressure Reinforcement: Two spiral layers and two open spiral layers of high tensile steel wire,
- Cover: Polyurethane
- Standard Color: x0 - Black

Temperature

- Temperature Range:
-40°F to 212°F (-40°C to 100°C)

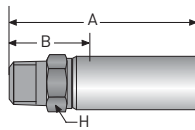
Design Factor

- 4

[Visit the webpage](#)

Part Number	Nominal I.D.				Max. O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Fitting Series
	DN	Size	inch	mm	inch	mm	psi	bar	inch	mm	lbs./ft.	kg/mtr	
2380N-025V10	4	-025	5/32	4	0.38	9.7	10,875	750	2.17	55	0.11	0.16	8X

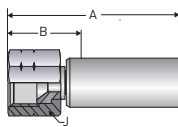
1018X - NPT Male



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
1018X-2-025	4	-025	5/32	4	1/8" - 27	1.86	47	0.76	19	0.62	16
1018X-4-025					1/4" - 18	2.30	59	1.24	32	0.51	13

Carbon Steel, Zinc-plated

1068X - JIC 37° Female Flare



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
1068X-4-025	4	-025	5/32	4	7/16" - 20	2.35	60	1.30	33	0.56	14

Carbon Steel, Zinc-plated

Accessories Part Numbers

Bend Restrictor

MBR008

Technical details available in Section D.



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.

1/4" - 10,150 psi Hydraulic Hose

2380N-04V0x

Up to 25% lighter than rubber hose



Construction

- Core Tube: Polyamide 12
- Pressure Reinforcement: Two spiral layers and two open spiral layers of high tensile steel wire
- Cover: Polyamide
- Standard Color: x0 - Black, x2 - Blue, x3 - Green, x4 - Red, x6 - Yellow

Temperature

- Temperature Range: -40°F to 212°F (-40°C to 100°C)

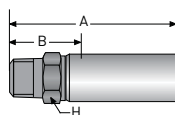
Design Factor

- 4

[Visit the webpage](#)

Part Number	Nominal I.D.				Max. O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Fitting Series
	DN	Size	inch	mm	inch	mm	psi	bar	inch	mm	lbs./ft.	kg/mtr	
2380N-04V00	6	-04	1/4	6.4	0.52	12.3	10,150	690	2.80	70	0.18	0.27	8X
2380N-04V02	6	-04	1/4	6.4	0.52	12.3	10,150	690	2.80	70	0.18	0.27	8X
2380N-04V03	6	-04	1/4	6.4	0.52	12.3	10,150	690	2.80	70	0.18	0.27	8X
2380N-04V04	6	-04	1/4	6.4	0.52	12.3	10,150	690	2.80	70	0.18	0.27	8X
2380N-04V06	6	-04	1/4	6.4	0.52	12.3	10,150	690	2.80	70	0.18	0.27	8X

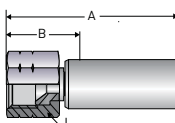
1018X - NPT Male



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
1018X-4-04	6	-04	1/4	6.4	1/4" - 18	2.54	65	1.30	33	0.560	14
1018X-4-04C											
1018X-6-04					3/8" - 18	2.64	67	1.38	35	0.750	19
1018X-6-04C											

Carbon Steel, Zinc-plated C - All components Stainless Steel

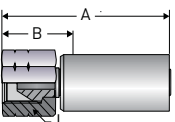
1068X - JIC 37° Female Flare



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
1068X-4-04	6	-04	1/4	6.4	7/16" - 18	2.24	57	1.02	26	.750	19
1068X-4-04C											
1068X-6-04					9/16" - 18	3.41	87	0.94	24		
1068X-6-04C											

Carbon Steel, Zinc-plated C - All components Stainless Steel

1AY8X - Type "M" Swivel - Female



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
1AY8X-6-04	6	-04	1/4	6.4	9/16" - 18	2.60	66	1.38	35	0.670	17
1AY8X-6-04C											

Carbon Steel, Zinc-plated C - All components Stainless Steel

Accessories Part Numbers

Heavy Duty Abrasion Cover	Transition Sleeves	Support Grips	Spring Guard	Bend Restrictor
MHDC012	510-A-500-12	MCG001SS MCGHS10-15	MSG2106	MBR010 *HG8X-04

*Rigid polymer Ø1-3/16" x 5-1/8" length 01 Technical details available in Section D. Containment Shield & Sleeves



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.

5/16" - 9,060 psi Hydraulic Hose

2380N-05V00



Small diameter hose with low volumetric expansion. Long continuous lengths.

Construction

- Core Tube: Polyamide 12
- Pressure Reinforcement: Two spiral layers and two open spiral layers of high tensile steel wire
- Cover: Polyamide
- Standard Color: x0 - Black

Temperature

- Temperature Range:
-40°F to 212°F (-40°C to 100°C)

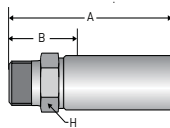
Design Factor

- 4

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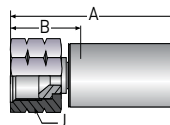
Part Number	Nominal I.D.				Max. O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Fitting Series
	DN	Size	inch	mm	inch	mm	psi	bar	inch	mm	lbs./ft.	kg/mtr	
2380N-05V00	8	-05	5/16	7.9	0.62	15.8	9,060	380	3.54	90	0.24	0.35	LX

601LX - NPT Male



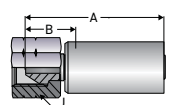
Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
601LX-4-5C	8	-05	5/16	7.9	1/4" - 18	2.78	71	1.18	30	0.62	15.8
601LX-6-5					3/8" - 18	3.96	75	1.37	35	0.75	19
601LX-6-5C											
Carbon Steel, Zinc Plated		C - All components Stainless Steel									

606LX - JIC 37° Female Flare



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
606LX-6-5C	8	-05	5/16	7.9	9/16" - 18	2.80	71	1.03	26	0.75	19
C - All components Stainless Steel											

6AYLX - Type "M" Swivel - Female



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
6AYLX-8-5C	8	-05	5/16	7.9	3/4" - 16	3.57	91	1.80	46	1	25
C - All components Stainless Steel											



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.

1-1/4" - 3,990 psi Hydraulic Hose

2380N-20V30



Small diameter hose with low volumetric expansion. Long continuous lengths.

Construction

- Core Tube: Polyamide 12
- Pressure Reinforcement: Two spiral layers and two open spiral layers of high tensile steel wire
- Cover: Polyamide
- Standard Color: x0 - Black

Temperature

- Temperature Range:
-40°F to 212°F (-40°C to 100°C)

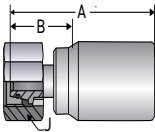
Design Factor

- 4

[Visit the webpage](#)

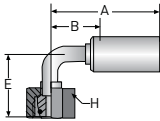
Part Number	Nominal I.D.				Max. O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Fitting Series
	DN	Size	inch	mm	inch	mm	psi	bar	inch	mm	lbs./ft.	kg/mtr	
2380N-20V30	32	-20	1-1/4	31.8	1.73	44	3,990	275	15-3/4	400	1.23	1.83	NX

1C9NX - Metric Swivel - Female



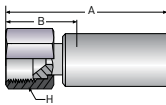
Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
1C9NX-38-20	32	-20	1-1/4	31.8	M 52 x 2	4.45	113	2.05	52	2.36	60
Carbon Steel											

11CNX - 90° Metric Female Swivel 24° with O-ring



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex		E	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm	inch	mm
11CNX-38-20	32	-20	1-1/4	31.8	M 52 x 2	5.91	150	3.50	89	2.36	60	3.07	80
C - All components Stainless Steel													

106NX- JIC 37° Female Flare



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
106NX-20-20	32	-20	1-1/4	31.8	1-5/8" - 12	4.09	104	1.73	44	1.97	50
C - Carbon Steel, Zinc Plated											



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.

1/2" - 15,950 psi Hydraulic Hose

2388N-08V13



Up to 35% lighter weight than a rubber hose assembly

Construction

- Core Tube: Polyamide 12
- Pressure Reinforcement: Two closed spiral layers and two open spiral layers of high tensile steel wire
- Cover: Polyurethane
- Standard Color: x3 - Green

Temperature

- Temperature Range: -40°F to 212°F (-40°C to 100°C)

Design Factor

- 2.5

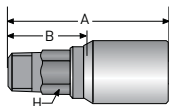
Certification

- DIN EN1829-2 compliant

[Visit the webpage](#)

Part Number	Nominal I.D.				Max. O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Fitting Series
	DN	Size	inch	mm	inch	mm	psi	bar	inch	mm	lbs./ft.	kg/mtr	
2388N-08V13	12	-08	1/2	12.7	0.91	23.1	15,950	1,100	4.72	120	0.54	0.80	BS

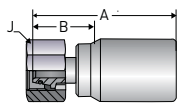
101BS - NPT Male



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex		Max. Working Pressure	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm	psi	bar
101BS-8-08 101BS-8-08C	12	-08	1/2	12.7	1/2" - 14	3.66	93	1.56	40	0.87	22	15,000	1,034

Carbon Steel, Zinc-plated C - All components Stainless Steel

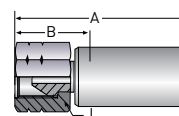
1C9BS - Metric Swivel - Female



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
1C9BS-16-08 1C9BS-16-08C	12	-08	1/2	12.7	M 24 x 1.5	3.50	89	1.43	36	1.18	30

Carbon Steel, Zinc-plated C - All components Stainless Steel

1AYBS - Type "M" Swivel - Female



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
1AYBS-11-08 1AYBS-11-08C	12	-08	1/2	12.7	1" - 12	3.43	87	1.77	45	1.25	32

Carbon Steel, Zinc-plated C - All components Stainless Steel

Accessories Part Numbers

Heavy Duty Abrasion Cover	Transition Sleeves	Support Grips	Hose Stop
MHDC018	216-200-18	MCGHS 30-40	AH-08S

Technical details available in Section D.

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.

3/8" - 6,450 psi Hydraulic High Pressure Hose

2390N-06V13



Low dimensional change under pressure
resulting in excellent response times

Construction

- Core Tube: Polyamide 12
- Pressure Reinforcement: Two closed spiral layers and two open spiral layers of high tensile steel wire
- Cover: Sea water resistant polyurethane
- Standard Color: x3 - Green

Temperature

- Temperature Range:
-40°F to 212°F (-40°C to 100°C)*

Certifications

- Meets or exceeds the performance requirements of ISO 13628-5

Design Factor

- 4

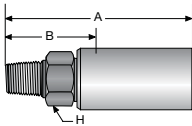
Notes

- *Temperature: -40°F to 212°F (-40°C to 100°C), max. 158°F (70°C) for water/glycol and methanol based fluids.

[Visit the webpage](#)

Part Number	Nominal I.D.				Max. O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Fitting Series
	DN	Size	inch	mm	inch	mm	psi	bar	inch	mm	lbs./ft.	kg/mtr	
2390N-06V13	10	-6	3/8	9.5	0.71	18.1	6,450	445	4.72	120	0.28	0.41	9X

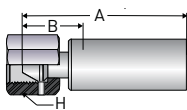
6019X - NPT Male



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
6019X-6-6C	10	-06	3/8	9.5	3/8" - 18	2.95	75	1.35	34	0.75	19


C - All components Stainless Steel

6AY9X - Type "M" Swivel - Female



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
6AY9X-8-6C	10	-06	3/8	9.5	3/4" - 16	2.79	71	1.19	30	1	25

C - All components Stainless Steel Non-standard, lead time may be longer

**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.

1/2" - 6,017 psi Hydraulic Hose

2390N-08V1x

Low dimensional change under pressure
resulting in excellent response times



Construction

- Core Tube: Polyamide
- Pressure Reinforcement: Two closed spiral layers and two open spiral layers of high tensile steel wire
- Cover: Sea water resistant polyurethane
- Standard Color: x3 - Green, x2 - Blue, x6 - Yellow

Temperature

- Temperature Range:
-40°F to 212°F (-40°C to 100°C)*

Design Factor

- 4

Certifications

- Meets or exceeds the performance requirements of ISO 13628-5

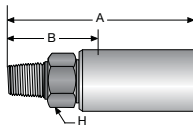
Notes

- *Operating temperature will vary depending on the fluid. Consult Parker if more information required.

[Visit the webpage](#)

Part Number	Nominal I.D.				Max. O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Fitting Series
	DN	Size	inch	mm	inch	mm	psi	bar	inch	mm	lbs./ft.	kg/mtr	
2390N-08V12	12	-08	1/2	12.7	0.83	21.2	6,017	415	5.91	150	0.36	0.54	9X
2390N-08V13	12	-08	1/2	12.7	0.83	21.2	6,017	415	5.91	150	0.36	0.54	9X
2390N-08V16	12	-08	1/2	12.7	0.83	21.2	6,017	415	5.91	150	0.36	0.54	9X

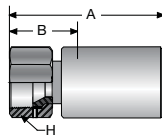
6019X - NPT Male



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
6019X-8-8C	12	-08	1/2	12.7	1/2" - 14	3.35	85	1.43	36	0.87	22

C - All components Stainless Steel Non-standard, lead time may be longer

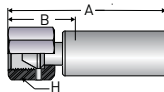
6069X - Straight 37° JIC Female Flare



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
6069X-8-8C	12	-08	1/2	12.7	3/4" - 16	3.00	76	1.30	33	0.87	22

C - All components Stainless Steel Non-standard, lead time may be longer

6AY9X - Type "M" Swivel - Female



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
6AY9X-11-8C	12	-08	1/2	12.7	1" - 12	3.22	82	1.52	39	1.25	32

C - All components Stainless Steel Non-standard, lead time may be longer



WARNING

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1" - 4,060 psi Hydraulic Hose

2390N-16V13



Low dimensional change under pressure
resulting in excellent response times

Construction

- Core Tube: Polyamide 12
- Pressure Reinforcement: Two closed spiral layers and two open spiral layers of high tensile steel wire
- Cover: Sea water resistant polyurethane
- Standard Color: x3 - Green

Temperature

- Temperature Range:
-40°F to 212°F (-40°C to 100°C)*

Design Factor

- 4

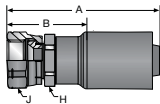
Notes

- *Temperature: -40°F to 212°F (-40°C to 100°C), max. 158°F (70°C) for water/glycol and methanol based fluids.

[Visit the webpage](#)

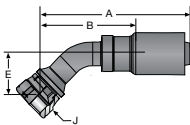
Part Number	Nominal I.D.				Max. O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Fitting Series
	DN	Size	inch	mm	inch	mm	psi	bar	inch	mm	lbs./ft.	kg/mtr	
2390N-16V13	25	-16	1	25.4	1.38	35.0	4,060	280	11.02	280	0.79	1.17	E4

106E4 - JIC 37° Flare - Female



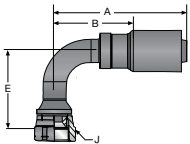
Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex		H Hex	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm	inch	mm
106E4-16-16C	25	-16	1	25.4	1-5/16" - 12	4.76	121	2.38	60	1.62	41	1.50	38
C - All components Stainless Steel													

137E4 - 45° JIC



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex		E	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm	inch	mm
137E4-16-16C-411	25	-16	1	25.4	1-5/16" - 12	6.50	165	4.13	105	1.62	41	1.69	43
C - All components Stainless Steel													

139E4 - 90° JIC



Part Number	Nominal I.D.				Thread Size	Overall Length A		Cutoff Allow. B		J Hex		E	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm	inch	mm
139E4-16-16C-411	25	-16	1	25.4	1-5/16" - 12	5.69	145	3.32	84	1.62	41	3.27	83
C - All components Stainless Steel													

[continued on next page](#)



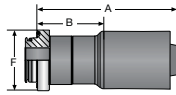
WARNING

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.

1" - 4,060 psi Hydraulic Hose

2390N-16V13

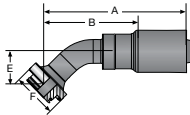
19GE4 - Straight Dual Seal



Part Number	Nominal I.D.				Flange Size	Overall Length A		Cutoff Allow. B		F	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm
19GE4-16-16C	25	-16	1	25.4	1	4.35	110	2.00	51	1.88	48
19GE4-24-16C					1-1/2	4.48	114	2.13	54	2.50	64

C - All components Stainless Steel

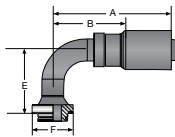
19ME4 - 45° Dual Seal



Part Number	Nominal I.D.				Flange Size	Overall Length A		Cutoff Allow. B		F		E	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm	inch	mm
19ME4-16-16C	25	-16	1	25.4	1	6.24	158	3.88	99	1.88	48	1.42	36
19ME4-24-16C					1-1/2	6.32	161	3.93	100	2.50	64	1.86	47

C - All components Stainless Steel

19WE4 - 90° Dual Seal



Part Number	Nominal I.D.				Flange Size	Overall Length A		Cutoff Allow. B		F		E	
	DN	Size	inch	mm		inch	mm	inch	mm	inch	mm	inch	mm
19WE4-16-16C	25	-16	1	25.4	1	5.69	145	3.13	80	1.88	48	3.27	83
19WE4-24-16C					1-1/2	5.69	145	3.52	89	2.50	64	3.52	89

C - All components Stainless Steel



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.

Hydraulic Hose



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.