

HYDRAULIC AG2R

Parker's AG2R hose is a hydraulic industry standard hose that has a pressure range of 2500-5800 PSI, with a synthetic rubber inner tube which provides wide fluid compatibility. The two-wire braided construction offers more flexibility than the standard spiral counterpart in order to fit your needs. Sizes range from 1/4" to 1" in diameter.

- Designed as a cost competitive option for applications not requiring industry standard specifications
- 2-wire braided compact construction offers more flexibility
- Half SAE bend radius for ease of installation and low force to flex
- 2500-5800 PSI working pressure in different sizes
- Abrasion resistant synthetic rubber cover
- Approved with 43 Series fittings

AG2R Hydraulic SAE J1942



# Part Number	Reel Length	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Vacuum Rating	
		inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa
AG2R-4	475	1/4	6.3	0.51	13	5800	40.0	2	50	0.20	0.30	28	95
AG2R-6	385	3/8	10	0.68	17	5000	35.0	2-1/2	65	0.28	0.42	28	95
AG2R-8	425	1/2	12.5	0.80	20	4250	29.7	3-1/2	90	0.35	0.52	28	95
AG2R-10	300	5/8	16	0.94	24	3625	25.0	4	100	0.44	0.66	28	95
AG2R-12	250	3/4	19	1.09	28	3125	21.5	4-3/4	120	0.58	0.86	24	80
AG2R-16	135	1	25	1.40	35	2500	17.5	6	150	0.79	1.17	24	80

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Two braids steel wire.

Cover: Synthetic rubber, MSHA accepted.

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

Parkrimp Crimper

Part Number	Fittings	Die	Die Ring
AG2R-4	43 Series	80C-A04	82C-R01 85C-R01 80C-R01
AG2R-6		80C-A06	
AG2R-8		80C-A08	
AG2R-10		80C-A10	
AG2R-12		80C-A12	
AG2R-16		80C-A16	

Adjustable Crimper

Part Number	Crimp Diameter		Minimum Crimp Length		Hose Insertions	
	inch	mm	inch	mm	inch	mm
AG2R-4	0.66	16.76	1.97	50	.81	20.5
AG2R-6	0.84	21.34	2.56	65	1.13	28.7
AG2R-8	0.96	24.38	2.56	65	1.31	33.2
AG2R-10	1.07	27.18	2.56	65	1.56	39.6
AG2R-12	1.26	32.00	2.76	70	1.50	38.1
AG2R-16	1.60	40.64	2.76	70	1.75	44.4

Crimp Diameter Tolerance: +/- 0.010" (0.25 mm)

Die Ring varies by Parkrimp machine. Please visit <http://www.parker.com/crimpsource> for the latest data.



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: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

2 Wire Hydraulic Hose continued:

HYDRAULIC 471TC/ST

Markets



Parker's 471TC/ST hose is a hydraulic industry standard hose that has a pressure range of 2500-5800 psi, with a synthetic rubber inner tube which provides wide fluid compatibility. The two-wire braided construction offers more flexibility than the standard spiral counterpart in order to fit your needs.

- Smaller O.D. for ease of installation
- Approved with 43 Series fittings
- Provides 1/2 minimum bend radius



Performance



471TC

Hydraulic – ToughCover

ISO 11237 TYPE 2SC / SAE J1942 / EN 857 TYPE 2SC

471ST

Hydraulic – SuperTough Cover

ISO 11237 TYPE 2SC / SAE J1942 / EN 857 TYPE 2SC



# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Hg Vacuum Rating		Parkrimp 43 Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	inches of Hg	kPa	
471TC/ST-4	1/4	6,3	0.51	13	5800	40,0	2	50	0.20	0,30	28	95	●
471TC/ST-6	3/8	10	0.68	17	5000	35,0	2-1/2	65	0.28	0,42	28	95	●
471TC/ST-8	1/2	12,5	0.80	20	4250	29,7	3-1/2	90	0.35	0,52	28	95	●
471TC/ST-10	5/8	16	0.94	24	3625	25,0	4	100	0.44	0,66	28	95	●
471TC/ST-12	3/4	19	1.09	28	3125	21,5	4-3/4	120	0.58	0,86	24	80	●
471TC/ST-16	1	25	1.40	35	2500	17,5	6	150	0.79	1,17	24	80	●

For larger sizes see 472TC.

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Two braids steel wire.

Cover: Synthetic rubber abrasion resistant, MSHA accepted.

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

Fittings: 43 Series - pg. B-27.



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HYDRAULIC 722/TC/ST

Parker's GlobalCore 722/TC/ST Hose provides 4,000 psi (28 MPa) constant working pressure in sizes -6 through -16. Designed for high-pressure, high-impulse applications, 722/TC/ST Hose delivers maximum performance and efficiency. The 4-spiral construction of 722/TC/ST Hose ensures ease of installation while reducing the amount of hose needed for your application.

- ½ ISO 18752 minimum bend radius
- Exceeds ISO 18752 performance specification (BC and CC)
- 4-spiral construction for longer life in high-impulse, heavy-duty cycle applications
- TC cover provides 80 times and ST cover 450 times abrasion resistance when compared to standard covers

Performance



722/TC/ST Hydraulic – Constant Working Pressure ISO 18752



# Part Number	Cover			Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Weight		Parkrimp 43 Series
	Standard 722	Tough 722TC	Super 722ST	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/m	
	ISO 18752 Performance*													
722-6	BC	CC	CC	3/8	10	0.78	19,9	4000	28,0	2-1/2	65	0.40	0,60	●
722-8	BC	CC	CC	1/2	12,5	0.89	22,7	4000	28,0	3-1/2	90	0.54	0,80	●
722-10	BC	CC	CC	5/8	16	1.04	26,4	4000	28,0	4	100	0.74	1,10	●
722-12	BC	CC	CC	3/4	19	1.21	30,7	4000	28,0	4-3/4	120	0.94	1,40	●
722-16	BC	CC	CC	1	25	1.50	37,8	4000	28,0	6	150	1.34	1,99	●

Application: Petroleum base hydraulic fluids and lubricating oils.

Inner Tube: Synthetic rubber.

Reinforcement: Four-spiral steel wire.

Cover: Standard Cover: Synthetic rubber.

ToughCover: Synthetic rubber abrasion resistant.

SuperTough Cover: Synthetic rubber super abrasion resistant.

Fittings: 43 Series - pg. B-4.

Temperature Range: Standard Cover: -40°F to +212°F (-40°C to +100°C) - BC.

ToughCover & SuperTough Cover: -40°F to +257°F (-40°C to +125°C).



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Washdown Hose:

DARI-PREEN CREAMERY

Dari-Preen is designed for washdown service in creameries, dairies, packing houses, canneries and food processing plants. It features an EPDM tube and cover. Color coded white to indicate washdown service and cleanliness. Its tough cover resists scuffing and cracking. Dari-Preen handles hot water up to 200°F at 50 psi and it is rated for working pressures up to 250 psi on 1/2" I.D.



Resistance:



Branding:

Size WP Dari-Preen
Made In USA

Cover Color:	White
Oil Resistance:	Limited
Construction:	
Tube:	EPDM
Cover:	EPDM
Reinforcement:	Spiral polyester yarn
Temperature Range:	-40°F to +180°F -40°C to +82°C
Packaging:	Reels, †50 ft. length – 1 per carton

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00544808400	1/2	12.70	0.91	23.02	4	250	1.72	3.00	76.20	0.29	0.43
00544812400	3/4	19.05	1.25	31.75	4	200	1.38	4.50	114.30	0.50	0.74
00544812450†	3/4	19.05	1.25	31.75	4	200	1.38	4.50	114.30	0.50	0.74



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Duct Hoses:

RFH

Physical Characteristics, Pressure & Flex Values

ID	Working Pressure	Vacuum	CL Bend Radius	Compress Ratio	OD Nominal	Wall Thickness	Weight
(in.)	(psi)	(inHg)	(in.)		(in.)	(in.)	(lbs./ft.)
1.25	28	>29	1.50	1ft/6in	1.49	.026	.11
1.50	24	>29	1.75	1ft/6in	1.75	.026	.22
1.75	22	>29	2.00	1ft/9in	2.00	.026	.23
2.00	17	>29	3.50	1ft/6in	2.27	.030	.24
2.50	13	28	4.00	1ft/6in	2.77	.030	.29
3.00	10	28	4.25	1ft/5in	3.27	.030	.32
3.50	10	20	5.25	1ft/6in	3.77	.030	.41
4.00	10	25	6.50	1ft/6in	4.29	.030	.50
5.00	9	15	8.00	1ft/6in	5.29	.030	.63
6.00	8	11.5	8.75	1ft/6in	6.29	.030	.85
7.00	7	10	10.50	1ft/7in	7.35	.030	.95
8.00	6	5.5	12.00	1ft/7in	8.35	.030	1.20
10.00	4	5	12.50	1ft/4in	10.38	.030	1.63
12.00	4	4	13.75	1ft/4in	12.38	.030	1.90
14.00	2	2	18.00	1ft/4in	14.48	.030	1.87
16.00	2	2	21.00	1ft/4in	16.48	.030	3.19
18.00	2	2	21.50	1ft/4in	18.48	.030	3.36
20.00	1	2	25.50	1ft/4in	20.50	.030	3.63
24.00	1	1	36.00	1ft/4in	24.50	.030	3.81

Pressure and Vacuum data based on straight lengths of hose at ambient temperature 72° F.

Construction: Thermoplastic rubber reinforced with a wire helix
Temperature range: -60° F to 275° F (intermittent to 300° F)
Standard color: Black
Standard lengths: 25', 50'



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www.CIR.net

FRESNO
2539 S Cherry Ave.
Fresno, CA 93706
(559) 268-7321

TULARE
4500 S K St.
Tulare, CA 93274
(559) 686-1677

BAKERSFIELD
19428 Colombo St.
Bakersfield, CA 93308
(661) 392-1912

YUBA CITY
1690 Sierra Ave.
Yuba City, CA 95993
(530) 674-2444

MERCED
2280 Cooper Ave.
Merced, CA 95348
(209) 722-8844

SPARKS
1095 Spice Islands Drive, suite 103
Sparks, NV 89431
(775) 356-0192

CARLIN
1120 Green Street
Carlin, NV 89822
(775) 754-6747

SLIGER MACHINWORKS
3620 South Bagley Avenue
Fresno, CA 93725
(559) 443-0211

Duct Hoses:

UFD

Physical Characteristics, Pressure & Flex Values

ID	Working Pressure	Vacuum	CL Bend Radius	Compression Ratio	OD Nominal	Wall Thickness	Weight
(in.)	(psi)	(inHg)	(in.)		(in.)	(in.)	(lbs./ft.)
2.0	33	>29	2.50	1 ft / 6 in	2.29	.035	.28
2.5	30	>29	3.00	1 ft / 6 in	2.79	.035	.42
3.0	27	>29	3.50	1 ft / 6 in	3.32	.035	.53
4.0	18	28	4.50	1 ft / 5 in	4.34	.035	.69
5.0	16	26	5.50	1 ft / 5 in	5.34	.035	.81
6.0	14	23.5	6.25	1 ft / 5 in	6.37	.035	1.23
7.0	12	18	7.25	1 ft / 6 in	7.40	.035	1.47
8.0	11	13.5	8.75	1 ft / 6 in	8.40	.035	1.60
10.0	9	6	11.25	1 ft / 6 in	10.41	.035	1.84
12.0	7	5	13.25	1 ft / 6 in	12.41	.035	2.20
14.0	4	3	15.50	1 ft / 6 in	14.56	.035	3.28
16.0	2	3	18.00	1 ft / 6 in	16.59	.035	3.75
18.0	2	2	24.00	1 ft / 6 in	18.59	.035	4.23

Pressure and Vacuum data based on straight lengths of hose at ambient temperature 72°F.

Construction: Thermoplastic polyether polyurethane reinforced with a wire helix
Temperature range: -65° F to 200° F
Standard color: Clear or Black
Standard lengths: 25', 50'



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www.CIR.net

HD Mill Hose:

HD-Mill™ Discharge Hose

- HD-MILL™ Discharge Hose has a 100% polyester jacket with a single ply extruded EPDM rubber lining.
- This hose is totally immune to the effects of mildew.
- It is ideal for open end water transfer and wash down work where surfaces are conducive to using an unprotected single jacket hose.
- The hose is Made in the USA.



Available in 50 and 100 foot lengths, (1 1/2", 2", 2 1/2" also available in 75 foot lengths)

4" available in 50 foot lengths only

*250 PSI test pressure rating (Acceptance Test PSI) – not rated for service test / acceptance / burst test pressure requirements of NFPA 1961

HOSE SIZE	SPECIFICATION NUMBER	ACCEPTANCE TEST PSI *	SERVICE TEST PSI	BOWL SIZE	WEIGHT PER 50' UNCLPD
1"	HD-MILL	250 PSI	NA	1 1/4"	7 lbs.
1 1/2"	HD-MILL	250 PSI	NA	1 3/4"	10 lbs.
2"	HD-MILL	250 PSI	NA	2 1/4"	11.5 lbs.
2 1/2"	HD-MILL	250 PSI	NA	2 11/16"	17 lbs.
3"	HD-MILL	250 PSI	NA	3 1/4"	21 lbs.
4"	HD-MILL	250 PSI	NA	4 3/8"	40 lbs.

Double Jacket Hose:

Industrial Attack 600™ (Rubber Lined) Features

- Industrial Attack 600™ is a 100% polyester double jacket construction with a high grade single ply extruded EPDM rubber lining.
- This hose is totally immune to the effects of mildew.
- The hose can be purchased plain white or with the optional **Ultra-Shield** (<http://nafhc.com/products/ultra-shield-coating>)™ which coats the outside jacket thoroughly, impregnated with a high tech polyurethane that is both abrasion and moisture resistant.
- The hose is Made in the USA.
- See the **Ultra-Shield** (<http://nafhc.com/products/ultra-shield-coating>)™ section for optional available colors.



Available in 50, 75 and 100 foot lengths

Factory Mutual available in 1 1/2" and 2 1/2"

Underwriters Laboratory available in 1 1/2" and 2 1/2"

HOSE SIZE	SPECIFICATION NUMBER	ACCEPTANCE TEST PSI	SERVICE TEST PSI	BOWL SIZE	WEIGHT PER 50' UNCLPD
1"	IA-600	600 PSI	300 PSI	1 7/16"	10 lbs.
1 1/2"	IA-600	600 PSI	300 PSI	1 15/16"	14 lbs.
1 3/4"	IA-600	600 PSI	300 PSI	2 1/8"	17 lbs.
2"	IA-600	600 PSI	300 PSI	2 1/2"	20 lbs.
2 1/2"	IA-600	600 PSI	300 PSI	3"	27 lbs.
3"	IA-600	600 PSI	300 PSI	3 17/32"	36 lbs.



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General Service Hose:

Air & Multipurpose



GST® II General Service Hose

Series 7031(R) (Green), Series 7057 (Blue), Series 7092 (Red), Series 7093 (Black), and Series 7096 (Yellow)

GST® II hose is a versatile general purpose hose designed to handle air, mild chemicals and water. The hose construction incorporates a tube that is compatible with light oil mists found in air tool lubricating systems, and the multiple plies of textile reinforcement provide flexibility. The cover is resistant to abrasion, heat and ozone, and is available in multiple standard colors for color-coded identification.

NOTE: Do not with use with oil or refined fuel.

Other cover colors available:

7031 (Green)	
7057 (Blue)	
7096 (Yellow)	

Tube:	Black EPDM; ARPM Class C oil resistance
Reinforcement:	Multiple textile plies
Cover:	Black, blue, green, red, yellow EPDM; smooth finish
Temp. Range:	-40°F to +212°F (-40°C to +100°C)
Brand Method:	White ink on black, blue, green, red hose; black ink on yellow hose
Brand Example:	PARKER (SERIES) GST® II (ID) XXX PSI MAX WP MADE IN USA (DATE CODE)
Design Factor:	4:1
Industry Standards:	ARPM Class C oil resistant tube; ARPM IP-7 (7031R only)
Applications:	<ul style="list-style-type: none"> • Air (including oil mist), mild chemicals, water • Agriculture, construction, general industrial
Vacuum:	Not recommended
Compare to:	Boston Bosflex A/W; Gates Adapta Flex; Thermoid Valuflex GS; Veyance Horizon General Purpose
Packaging:	Reels; cartons

⚠ 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](#).



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General Service Hose continued:



MPT® II Multipurpose Oil Resistant Hose – Nonconductive

Series 7094 (Red) and Series 7095 (Black)

Series 7094/7095 is a versatile, nonconductive multipurpose hose designed to handle air, mild chemicals, oil and water. The hose construction is electrically nonconductive with a minimum resistance of one megaohm per inch at 1000 volts DC. The multiple plies of textile reinforcement provide flexibility and the cover is resistant to oil and weathering.

NOTES:

- Do not use in hot, dry air applications or with refined fuel.
- The user must determine if the hose is suitable for applications subject to electrical hazard. Contact Parker for additional information.

Tube:	Black nitrile; ARPM Class A oil resistance
Reinforcement:	Multiple textile plies
Cover:	7094: Red chloroprene, smooth finish 7095: Black chloroprene, smooth finish
Temp. Range:	-20°F to +212°F (-29°C to +100°C)
Brand Method:	White ink
Brand Example:	PARKER SERIES (7094) (7095) MPT® II (ID) XXX PSI MAX WP MADE IN USA ELECTRICALLY NONCONDUCTIVE (DATE CODE)
Design Factor:	4:1
Industry Standards:	ARPM Class A oil resistant tube; electrically nonconductive with a minimum resistance of one megaohm per inch at 1000 volts DC
Applications:	<ul style="list-style-type: none"> • Air, mild chemicals, oil, water • Cooling lines for electric furnaces and pot lines; lubrication systems • Agriculture, construction, foundries, general industrial
Vacuum:	Not recommended
Compare to:	Boston Shock Safe; Gates PremoFlex/19B; Veyance Ortac/Wingfoot
Packaging:	Reels, cartons

⚠ 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 NARAD Industrial Hose Assembly Guidelines.



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General Service Hose continued:

Air and Multi-Purpose Hose

Plant Master® Plus (200-300)

Formerly - Duro Flex®



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.	List Price Per ft
	(in)		(mm)		(in)		(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)	(ft)	(ft)
Black	2	50.8	2.56	65.0	200	13.8	4.0	16.5	1.32	100	Ctn	T	Stock	3206-3968	\$20.67
Red	1/4	6.4	.50	12.7	250	17.2	30.0	2.0	.10	500	Reel	XX	Stock	3200-0002	1.85
Red	1/4	6.4	.50	12.7	250	17.2	30.0	2.0	.09	500	Reel	T	Stock	3200-0202	2.04
Red	1/4	6.4	.57	14.5	300	20.7	30.0	2.0	.12	500	Reel	XX	Stock	3200-0003	2.00
Red	3/8	9.5	.66	16.8	250	17.2	30.0	3.0	.14	500	Reel	XX	Stock	3200-0006	2.34
Red	3/8	9.5	.66	16.8	250	17.2	30.0	3.0	.14	500	Reel	T	Stock	3200-0206	2.57
Red	3/8	9.5	.73	18.5	300	20.7	30.0	3.0	.18	500	Reel	XX	Stock	3200-0007	2.60
Red	3/8	9.5	.73	18.5	300	20.7	30.0	3.0	.18	500	Reel	T	Stock	3200-0207	2.86
Red	1/2	12.7	.81	20.6	250	17.2	25.0	4.0	.19	500	Reel	XX	Stock	3200-0008	2.78
Red	1/2	12.7	.81	20.6	250	17.2	25.0	4.0	.25	500	Reel	T	Stock	3200-0208	3.06
Red	1/2	12.7	.84	21.3	300	20.7	25.0	4.0	.25	500	Reel	XX	Stock	3200-0009	3.53
Red	1/2	12.7	.84	21.3	300	20.7	25.0	4.0	.22	500	Reel	T	Stock	3200-0209	3.88
Red	5/8	15.9	.98	24.9	250	17.2	20.0	5.0	.27	500	Reel	XX	MTO	3200-0010	3.86
Red	5/8	15.9	.98	24.9	300	20.7	20.0	5.0	.30	500	Reel	XX	Stock	3200-0011	4.52
Red	5/8	15.9	.98	24.9	250	17.2	20.0	5.0	.27	500	Reel	T	Stock	3200-0210	4.25
Red	3/4	19.1	1.15	29.2	250	17.2	20.0	5.0	.36	50	Bulk	200	MTO	3200-5012	3.99
Red	3/4	19.1	1.15	29.2	250	17.2	20.0	5.0	.36	500	Reel	XX	Stock	3200-0012	3.99
Red	3/4	19.1	1.15	29.2	300	20.7	20.0	5.0	.36	500	Reel	XX	Stock	3200-0013	4.83
Red	3/4	19.1	1.15	29.2	250	17.2	20.0	5.0	.35	500	Reel	T	Stock	3200-0212	4.39
Red	3/4	19.1	1.15	29.2	300	20.7	20.0	5.0	.36	500	Reel	T	Stock	3200-0213	5.31
Red	1	25.4	1.47	37.3	250	17.2	10.0	8.0	.54	400	Reel	XX	Stock	3200-0014	5.87
Red	1 1/4	31.8	1.73	43.9	250	17.2	10.0	10.0	.67	200	Reel	XX	Stock	3200-0015	11.58
Red	1 3/8	34.9	1.88	47.8	250	17.2	10.0	11.0	.86	250	Reel	XX	MTO	3200-0237	14.35
Red	1 1/2	38.1	1.98	50.3	250	17.2	10.0	12.0	.79	200	Reel	XX	Stock	3200-0016	12.08
Red	2	50.8	2.56	65.0	200	13.8	4.0	16.5	1.28	100	Ctn	T	Stock	3200-1279	20.67

NOTE: Pkg Code T=One piece continuous length reel. Pkg Code XX=Two piece reel, 50 ft increments, no length less than 50 ft.

RECOMMENDED FOR: Applications requiring maximum flexibility and good resistance to air, water and heat. For SAE oils intermittent contact only.

TEMPERATURE: -40°F to +200°F (-40°C to +93°C) continuous service.

CONSTRUCTION: **Tube:** Type B1 (Specially compounded elastomer). Black.
Reinforcement: Synthetic, high tensile textile cord.
Cover: Type D3 (Specially compounded elastomer). For 2" Black only.
 Type P (EPDM). Red. All sizes through 1/2" have perforated cover.
Design Factor: 3:1

COUPLINGS: 19 (up through 1/2" only), 1, 3 or 4, (up through 1/2" with 20 brass ferrules, up through 1" with bands), 72 Gates Power Crimp® or 75 Gates GLX®. Reference the Hose Coupling Section.

STANDARDS: **Tube:** ARPM (Class B) Medium oil-resistance.
Cover: ARPM (Class C) Limited oil-resistance.



WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

www.CIR.net



General Service Hose continued:

VALUFLEX®/GS – RED

Valuflex/GS is one of the finest multipurpose air and water hose available, anywhere. Red Valuflex provides job/color coding possibilities for safety and other considerations. Valuflex is a very economical general service air and water hose. It can be used in numerous industrial, agricultural and construction applications where oil is **not** a factor. Valuflex is not only lightweight, but also very flexible and easy to handle due to multiple plies of rubber and spiral reinforced polyester fiber. Available in a wide variety of sizes, Valuflex provides constant working pressures of 150, 200, 250, or 300 psi. It has an EPDM tube and cover that resists abrasion, heat and ozone. **This hose is not for use as a steam hose.**



Cover Color: Red
Oil Resistance: Limited
Construction:
Tube: EPDM
Cover: EPDM
Reinforcement: Spiral polyester yarn
Temperature Range: -40°F to +212°F
 -40°C to +100°C
Packaging: Reels or †50 ft. length – 1 per carton

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00114503200▲	3/16	4.76	0.44	11.11	2	200	1.38	N/A	N/A	0.08	0.12
00114504100▲	1/4	6.35	0.49	12.45	2	150	1.03	1.50	38.10	0.08	0.12
00114504200	1/4	6.35	0.49	12.45	2	200	1.38	1.50	38.10	0.08	0.12
00114504300	1/4	6.35	0.50	14.22	2	250	1.72	1.50	38.10	0.08	0.12
00114504400	1/4	6.35	0.50	15.75	2	300	2.07	1.50	38.10	0.08	0.12
00114505200	5/16	7.94	0.58	14.73	2	200	1.38	2.00	50.80	0.09	0.13
00114505400	5/16	7.94	0.58	15.75	2	300	2.07	2.00	50.80	0.09	0.13
00114506100▲	3/8	9.53	0.69	17.53	2	150	1.03	2.25	57.15	0.15	0.22
00114506200	3/8	9.53	0.69	17.53	2	200	1.38	2.25	57.15	0.15	0.22
00114506251†	3/8	9.53	0.69	17.53	2	200	1.38	2.25	57.15	0.15	0.22
00114506300	3/8	9.53	0.69	17.53	2	250	1.72	2.25	57.15	0.15	0.22
00114506400	3/8	9.53	0.69	17.53	2	300	2.07	2.25	57.15	0.15	0.22
00114506451†	3/8	9.53	0.69	17.53	2	300	2.07	2.25	57.15	0.15	0.22
00114508100	1/2	12.70	0.81	20.64	2	150	1.03	3.00	76.20	0.20	0.30
00114508200	1/2	12.70	0.81	20.64	4	200	1.38	3.00	76.20	0.25	0.37
00114508300	1/2	12.70	0.84	21.43	4	250	1.72	3.00	76.20	0.25	0.37
00114508400	1/2	12.70	0.84	21.43	4	300	2.07	3.00	76.20	0.25	0.37
00114510100	5/8	15.88	0.93	23.62	2	150	1.03	3.75	95.25	0.24	0.36
00114510200	5/8	15.88	0.93	23.62	4	200	1.38	3.75	95.25	0.30	0.45
00114510300	5/8	15.88	1.00	25.40	4	250	1.72	3.75	95.25	0.30	0.45
00114510400	5/8	15.88	1.00	25.40	4	300	2.07	3.75	95.25	0.30	0.45
00114512100	3/4	19.05	1.12	28.45	4	150	1.03	4.50	114.30	0.34	0.51
00114512151†▲	3/4	19.05	1.12	28.45	4	150	1.03	4.50	114.30	0.34	0.51
00114512200	3/4	19.05	1.15	29.21	4	200	1.38	4.50	114.30	0.38	0.57
00114512251†	3/4	19.05	1.15	29.21	4	200	1.38	4.50	114.30	0.38	0.57
00114512500	3/4	19.05	1.15	29.21	4	250	1.72	4.50	114.30	0.38	0.57
00114512550†	3/4	19.05	1.15	29.21	4	250	1.72	4.50	114.30	0.38	0.57
00114512400	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.41	0.61
00114512451†	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.41	0.61
00114516200	1	25.40	1.37	34.80	4	150	1.03	7.00	177.80	0.43	0.64
00114516300	1	25.40	1.37	34.80	4	200	1.38	7.00	177.80	0.51	0.76
00114516400	1	25.40	1.37	34.80	4	300	1.38	7.00	177.80	0.51	0.76
00114520200	1-1/4	31.75	1.75	44.45	4	200	1.38	8.75	222.25	0.81	1.21
00114524200	1-1/2	38.10	2.00	50.80	4	200	1.38	10.50	266.70	0.95	1.41
00114532200	2	50.80	2.55	64.77	4	200	1.38	14.00	355.60	1.13	1.68

▲ = Make To Order (MTO)
 † = 50 ft. length – 1 per carton



WARNING: Cancer and Reproductive Harm –
www.P65Warnings.ca.gov

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General Service Hose continued:

VALUFLEX®/GS – BLACK

Valuflex/GS is one of the finest multipurpose air and water hose available, anywhere. Black Valuflex provides job/color coding possibilities for safety and other considerations. Valuflex is a very economical general service air and water hose. It can be used in numerous industrial, agricultural and construction applications where oil is **not** a factor. Valuflex is not only lightweight, but also very flexible and easy to handle due to multiple plies of rubber and spiral reinforced polyester fiber. Available in a wide variety of sizes, Valuflex provides constant working pressures of 150, 200, 250 or 300 psi. It has an EPDM tube and cover that resists abrasion, heat and ozone. **This hose is not for use as a steam hose.**



Resistance:
Branding:
Thermoid Valuflex/GS Size PSI WP Made In USA Month/Day/Year-DOM

Cover Color: Black
Oil Resistance: Limited
Construction:
 Tube: EPDM
 Cover: EPDM
 Reinforcement: Spiral polyester yarn
Temperature Range: -40°F to +212°F
 -40°C to +100°C
Packaging: Reels or †50 ft. length – 1 per carton

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
00114603200▲	3/16	4.76	0.44	11.11	2	200	1.38	N/A	N/A	0.07	0.11
00114604100▲	1/4	6.35	0.49	12.45	2	150	1.03	1.50	38.10	0.08	0.12
00114604200	1/4	6.35	0.49	12.45	2	200	1.38	1.50	38.10	0.08	0.12
00114604300▲	1/4	6.35	0.50	14.22	2	250	1.72	1.50	38.10	0.08	0.12
00114604400	1/4	6.35	0.50	15.75	2	300	2.07	1.50	38.10	0.08	0.12
00114605200	5/16	7.94	0.58	14.73	2	200	1.38	2.00	50.80	0.09	0.13
00114605400	5/16	7.94	0.58	15.75	2	300	2.07	2.00	50.80	0.09	0.13
00114606100▲	3/8	9.53	0.69	17.53	2	150	1.03	2.25	57.15	0.15	0.22
00114606200	3/8	9.53	0.69	17.53	2	200	1.38	2.25	57.15	0.15	0.22
00114606300▲	3/8	9.53	0.69	17.53	2	250	1.72	2.25	57.15	0.15	0.22
00114606400	3/8	9.53	0.69	17.53	2	300	2.07	2.25	57.15	0.15	0.22
00114608100	1/2	12.70	0.81	20.64	2	150	1.03	3.00	76.20	0.19	0.28
00114608200	1/2	12.70	0.81	20.64	4	200	1.38	3.00	76.20	0.24	0.36
00114608300▲	1/2	12.70	0.84	21.43	4	250	1.72	3.00	76.20	0.24	0.36
00114608400	1/2	12.70	0.84	21.43	4	300	2.07	3.00	76.20	0.24	0.36
00114610100	5/8	15.88	0.93	23.62	2	150	1.03	3.75	95.25	0.23	0.34
00114610200	5/8	15.88	0.93	23.62	4	200	1.38	3.75	95.25	0.29	0.43
00114610400	5/8	15.88	1.00	25.40	4	300	2.07	3.75	95.25	0.29	0.43
00114612100	3/4	19.05	1.12	28.45	4	150	1.03	4.50	114.30	0.33	0.49
00114612151†▲	3/4	19.05	1.12	28.45	4	150	1.03	4.50	114.30	0.33	0.49
00114612200	3/4	19.05	1.15	29.21	4	200	1.38	4.50	114.30	0.36	0.54
00114612251†▲	3/4	19.05	1.15	29.21	4	200	1.38	4.50	114.30	0.36	0.54
00114612300▲	3/4	19.05	1.15	29.21	4	250	1.72	4.50	114.30	0.36	0.54
00114612400	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.40	0.60
00114612454†▲	3/4	19.05	1.15	29.21	4	300	2.07	4.50	114.30	0.40	0.60
00114616100	1	25.40	1.37	34.80	4	150	1.03	7.00	177.80	0.41	0.61
00114616200	1	25.40	1.37	34.80	4	200	1.38	7.00	177.80	0.49	0.73
00114616400	1	25.40	1.43	36.32	4	300	2.07	7.00	177.80	0.49	0.73
00114620200	1-1/4	31.75	1.75	44.45	4	200	1.03	8.75	222.25	0.79	1.18
00114624200	1-1/2	38.10	2.00	50.80	4	200	1.03	10.50	266.70	0.90	1.34
00114632200	2	50.80	2.55	64.77	4	200	1.03	14.00	355.60	1.08	1.61

▲ = Make To Order (MTO)
 † = 50 ft. length – 1 per carton



WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

General Service Hose continued:

GRIZZLY™ 500 Multipurpose Hose Series 7107



[view on web page](#)

Series 7107 hose is multipurpose hose that is electrically nonconductive with a resistance of one megaohm per inch at 1000 volts DC. The bright yellow flame resistant modified nitrile/PVC cover is resistant to abrasion, oil and weathering.

- NOTES:**
- Do not use in dry air applications (typically, air systems that do not expose the tube to a lubricating oil mist).
 - The user must determine if the hose is suitable for applications subject to electrical hazard. Review the safety guide for electrical resistance.
 - Do not use to dispense or transfer biodiesel, diesel fuel, or gasoline.

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource.

# 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)	Perm Cplg Rec *	Nom Std Pack Qty (ft)	Pkg Type
7107-25500	1/4	6.4	4	0.6	15.9	0.16	0.24	2	51	500	34	*	750	Reel
7107-38500	3/8	9.5	4	0.8	19.1	0.20	0.30	3	76	500	34	HY	600	Reel
7107-50500	1/2	12.7	4	0.9	22.2	0.27	0.40	3	76	500	34	*	500	Reel
7107-75500	3/4	19.1	4	1.2	30.1	0.40	0.60	5	127	500	34	HY	400	Reel
HY												24 x 50	Carton	
7107-100500	1	25.4	4	1.5	38.1	0.59	0.88	6	152	500	34	*	300	Reel
7107-125500	1-1/4	31.8	4	1.8	45.7	0.80	1.19	9	229	500	34	43	250	Reel
7107-150500	1-1/2	38.1	4	2.0	51.6	0.91	1.36	12	305	500	34	43	200	Reel
7107-200500	2	50.8	4	2.685	68.2	1.31	1.95	24.0	609.6	500	34	*	100	Coil

WARNING: This product can expose you to chemicals including DEHP, 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.

Tube: Black nitrile; ARPM Class A oil resistance
Reinforcement: Multiple aramid plies; 2" ID (only) multiple textile plies
Cover: Yellow nitrile/PVC, smooth finish; 2" ID (only) wrapped finish
Temp. Range: Air: -40°F to +158°F (-40°C to +70°C)
Other Media: -40°F to +212°F (-40°C to +100°C)
Brand Method: Black ink
Brand Example: PARKER SERIES 7107 GRIZZLY (ID) 500 PSI MAX WP ELECTRICALLY NONCONDUCTIVE MSHA #

Design Factor: 4:1
Industry Standards: Electrically nonconductive with a minimum resistance of one megaohm per inch at 1000 volts DC; MSHA
Applications:

- Air, oil, mild chemicals, water
- Agriculture, construction, foundries, general industrial, mines

Vacuum: Not recommended
Compare to: Boston Mineforce; ContiTech Gorilla; Gates Terminator

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.



WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

Material Handling Hose: MATERIAL HANDLING HOSE

- 4322** 1/8" TUBE SAND & DRY CEMENT, POWDER DISCHARGE HOSE
- 4323** 3/16" TUBE SAND & DRY CEMENT, POWDER DISCHARGE HOSE
- 4324** 1/4" TUBE SAND & DRY CEMENT, POWDER DISCHARGE HOSE



CONSTRUCTION: Tube is NR/SBR blend, black and static-dissipating. Reinforcement is a two-ply synthetic fabric.

TEMPERATURE: -40°F (-40°C) to +185°F (+85°C)

BRANDING: Jason logo 4322, 4323 or 4324 DRY BULK DISCHARGE ID Tube WP 75 PSI 5.17 BAR.
White mylar longitudinal stripe.

APPLICATION: For pneumatic discharge of dry powders, dry cement or other dry materials. Also used for sand/water mix applications on fracking sites.

FEATURES:

- Special static dissipating tube compound.
- Weather and ozone resistant.
- High abrasion resistant tube resists cutting/gouging.
- Can be rolled for transport and storage.

1/8" TUBE THICKNESS

Part Number	I.D. in.	I.D. mm.	O.D. in.	O.D. mm.	Rein. Plies	Max W.P. @68°F PSI	Max W.P. @68°F BAR	Vacuum @68°F	Weight lb./ft. KG/m	MBR* in.	MBR* mm	Std. Lgth. (ft)
4322-0400-100	4	101.60	4.48	113.79	2	75	5.17	n/a	1.60 2.38	40.00	1016.00	100
4322-0500-100	5	127.00	5.46	138.68	2	75	5.17	n/a	1.88 2.80	50.00	1270.00	100

3/16" TUBE THICKNESS

4323-0400-100	4	101.60	4.68	118.87	2	75	5.17	n/a	2.42 3.60	40.00	1016.00	100
4323-0500-100	5	127.00	5.68	144.27	2	75	5.17	n/a	2.92 4.35	50.00	1270.00	100

1/4" TUBE THICKNESS

4324-0400-100	4	101.60	4.84	122.94	2	75	5.17	n/a	3.23 4.81	40.00	1016.00	100
4324-0500-100	5	127.00	5.84	148.34	2	75	5.17	n/a	3.80 5.65	50.00	1270.00	100

*MBR = Minimum Bend Radius

Working pressure is temperature dependent. See page 5 for more information.

All sizes may not be stocked in all locations. Check with customer service for availability.

We disclaim any liability for use of our products in applications other than which they are designed.



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Steam Hose:



DRAGON BREATH® 250 Oil Resistant Steam Hose Series 7288

Series 7288 is a traditional oil resistant hose designed for long-lasting steam service, one of the toughest applications for hose, where the hot/cold wet/dry cycling attacks rubber compounds externally as well as internally. The hose construction incorporates an EPDM tube that resists heat and popcorning, and a wire braid reinforcement for crush-resistant durability, kink resistance and a path to conduct a static electrical charge to ground. The red chloroprene cover is resistant to weathering and oil—an important criteria for oil refineries and petrochemical plants—and provides color-coded identification.

- Tube:** Black EPDM
Reinforcement: Multiple wire braids
Cover: ARPM Class B oil resistant red chloroprene; perforated wrapped finish
Temp. Range: -20°F to +406°F saturated steam/+450°F superheated steam (-29°C to +208°C saturated steam/+232°C superheated steam)
Brand Method: Embossed
Brand Example: PARKER SERIES 7288 DRAGON BREATH® STEAM HOSE 250 PSI MAX WP OIL RESISTANT MADE IN USA (DATE CODE)
Design Factor: 10:1
Industry Standards: ARPM Class B oil resistant cover
Applications:
 - Saturated and superheated steam
 - Cleaning containment vessels and manufacturing equipment; cleaning and heating process equipment
 - Manufacturing and processing plants, refineries**Vacuum:** Not recommended
Compare to: Boston Concord 250 OR; Gates 232MB Steam Queen; Thermoid Burstproof Oil Resistant; Veyance Flexsteel 250 ORS
Packaging: Cartons; Reels

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 **
7288-502	1/2	12.7	2	1.031	26.2	0.52	0.24	7.0	177.8	250	17.2	43	50	Y
7288-502A	1/2	12.7	2	1.031	26.2	0.52	0.24	7.0	177.8	250	17.2	43	500	N
7288-752	3/4	19.1	2	1.343	34.1	0.73	0.33	9.5	241.3	250	17.2	CS, 43	50	Y
7288-752A	3/4	19.1	2	1.343	34.1	0.73	0.33	9.5	241.3	250	17.2	CS, 43	500	N
7288-1002	1	25.4	2	1.594	40.5	0.90	0.41	12.0	304.8	250	17.2	CS, 43	50	N
7288-1002A	1	25.4	2	1.594	40.5	0.90	0.41	12.0	304.8	250	17.2	CS, 43	500	N

* **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.

⚠️ 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.
- ▶ 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.



WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

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FRESNO
2539 S Cherry Ave.
Fresno, CA 93706
(559) 268-7321

TULARE
4500 S K St.
Tulare, CA 93274
(559) 686-1677

BAKERSFIELD
19428 Colombo St.
Bakersfield, CA 93308
(661) 392-1912

YUBA CITY
1690 Sierra Ave.
Yuba City, CA 95993
(530) 674-2444

MERCED
2280 Cooper Ave.
Merced, CA 95348
(209) 722-8844

SPARKS
1095 Spice Islands Drive , suite 103
Sparks, NV 89431
(775) 356-0192

CARLIN
1120 Green Street
Carlin, NV 89822
(775) 754-6747

SLIGER MACHINERWORKS
3620 South Bagley Avenue
Fresno, CA 93725
(559) 443-0211