

# Quick Reference Guide Parflex Hose

Pressure/Series and Size/Pressure



ENGINEERING YOUR SUCCESS.

# PARFLEX

Our reputation for being a problem solver in extreme hose applications can be traced to our ability to partner with our customers and become an extension of their engineering department rather than just another supplier. Designing "problem-solving hoses", is what we do best and that's why it's hard to match the cost saving value of a Parflex hose.

Parker's thermoplastic and fluoropolymer hoses are setting the bar for cleanliness, abrasion resistance, low length change under pressure, noise reduction and long, continuous lengths. These features, coupled with the ability to bond and form thermoplastic hoses, improve the life of the hose and help companies reduce unexpected downtime.

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# Markets



Fluid Handling



Instrumentation



Material Handling



Transportation



Oil & Gas



Specialty



Mobile Equipment



Packaging



Industrial



Semiconductor



Military



Waterblast

Parflex Products are often used as problem solvers where the *most EXTREME* conditions exist

click through on the links to see highlighted products in the industry









# Maximum Pressure Rating Chart - Hose



PSI/MPa up to 6,999 psi - PSI/bar over 7000 psi

Under 1,000 psi  
(6.9 MPa)

Under  
1,000 psi  
(6.9 MPa)

						
	<b>B9</b>	<b>83FR</b>	<b>8LPG</b>	<b>CNGRP</b>	<b>NCW/NCB</b>	<b>MSH</b>
Ind. Std.	-	MSHA; UL94HB	ECE R110; ECE R67	CSA	FDA; USP Class VI	-
Temp Range	-40°F (-40°C) +200°F (93°C)	-20°F (-29°C) +200°F (93°C)	-13°F (-25°C) +212°F (100°C)	-40°F (-40°C) +250°F (121°C)	-100°F (-73°C) +400°F (204°C)	-40°F (-40°C) +200°F (93°C)
-1.5	-	-	-	-	-	-
-02	-	-	-	-	-	-
-025	-	-	-	-	-	-
-03	-	-	-	-	-	-
-04	250 (1.7)	-	435 (3.0)	-	-	-
-05	250 (1.7)	300 (2.1)	435 (3.0)	-	725 (5.0)	-
-06	250 (1.7)	-	435 (3.0)	-	-	1,000 (6.9)
-08	250 (1.7)	300 (2.1)	435 (3.0)	-	400 (2.8)	1,000 (6.9)
-10	250 (1.7)	300 (2.1)	-	500 (3.5)	280 (1.9)	-
-12	250 (1.7)	-	-	500 (3.5)	-	-
-16	-	300 (2.1)	-	-	200 (1.4)	-
-20	-	-	-	-	200 (1.4)	-
-24	-	-	-	-	-	-
-32	-	-	-	-	-	-
-40	-	-	-	-	-	-
-48	-	-	-	-	-	-
-64	-	-	-	-	-	-
	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660



1,000 - 2,999 psi  
(6.9 - 20.7 MPa)

							
	<b>MSXL</b>	<b>1035HT</b>	<b>S6</b>	<b>540P</b>	<b>939/939B</b>	<b>SCW/SCB</b>	<b>SCWV/SCBV</b>
Ind. Std.	-	-	-	100R7; FDA-core	FDA-natural only	USP; FDA-natural only	USP; FDA-natural only
Temp Range	-40°F (-40°C) +185°F (85°C)	-40°F (-40°C) +230°F (110°C)	-40°F (-40°C) +135°F (57°C)	-40°F (-40°C) +150°F (66°C)	-100°F (-73°C) +450°F (232°C)	-100°F (-73°C) +500°F (260°C)	-100°F (-73°C) +500°F (260°C)
-1.5	-	-	-	-	-	-	-
-02	-	-	-	-	-	-	-
-025	-	-	-	-	-	-	-
-03	-	-	-	-	-	-	-
-04	-	1,750 (12.1)	-	2,750 (19.0)	-	1,500 (10.3)	-
-05	1,500 (10.3)	-	-	-	-	-	-
-06	-	-	-	2,250 (15.5)	1,500 (10.3)	1,500 (10.3)	-
-08	-	-	-	2,000 (13.8)	1,350 (9.3)	1,500 (10.3)	1,500 (10.3)
-10	-	-	-	-	1,000 (6.9)	-	-
-12	-	-	2,500 (17.2)	-	1,100 (7.6)	1,200 (8.3)	1,200 (8.3)
-16	-	-	2,500 (17.2)	-	1,000 (6.9)	925 (6.4)	1,000 (6.9)
-20	-	-	-	-	1,000 (6.9)	750 (5.2)	750 (5.2)
-24	-	-	-	-	750 (5.2)	650 (4.5)	650 (4.5)
-32	-	-	-	-	250 (1.7)	450 (3.1)	450 (3.1)
-40	-	-	-	-	-	-	200 (1.4)
-48	-	-	-	-	-	-	175 (1.2)
-64	-	-	-	-	-	-	-
	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660

# Maximum Pressure Rating Chart - Hose

PSI/MPa up to 6,999 psi - PSI/bar over 7000 psi

3,000 - 3,999 psi  
(20.7 - 27.5 MPa)

					
	<b>D6R</b>	<b>53DM/538DM-6</b>	<b>S9</b>	<b>PTH</b>	<b>HLBD/HLB</b>
Ind. Std.	100R17; MSHA	100R18	-	-	MSHA
Temp Range	-40°F (-40°C) +250°F (121°C)*	-70°F (-57°C) +212°F (100°C)*	-40°F (-40°C) +135°F (57°C)	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +212°F (100°C)*
-1.5	-	-	-	-	-
-02	-	-	-	-	3,000 (20.7)
-025	-	-	-	-	-
-03	-	-	-	3,000 (20.7)	3,000 (20.7)
-04	3,045 (21.0)	3,045 (21.0)	-	-	-
-05	3,045 (21.0)	-	-	-	-
-06	3,045 (21.0)	3,045 (21.0)	-	-	-
-08	3,045 (21.0)	3,045 (21.0)	-	-	-
-10	-	3,045 (21.0)	-	-	-
-12	-	3,045 (21.0)	3,000 (20.7)	-	-
-16	-	-	3,000 (20.7)	-	-
-20	-	-	-	-	-
-24	-	-	-	-	-
-32	-	-	-	-	-
-40	-	-	-	-	-
-48	-	-	-	-	-
	*varies by fluid Catalog 4660	*varies by fluid Catalog 4660	Catalog 4660	Catalog 4660	*varies by fluid Catalog 4660

3,000 - 3,999 psi  
(20.7 - 27.5 MPa)








						
	<b>563TJ</b>	<b>563LT</b>	<b>518D</b>	<b>510D</b>	<b>55LT</b>	<b>STW/STB</b>
Ind. Std.	100R17; MSHA	100R17	100R7 ; ANSI	DNV-GL; MSHA; ISO	100R7	FDA; USP Class VI
Temp Range	-40°F (-40°C) +250°F (121°C)*	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +212°F (100°C)*	-70°F (-57°C) +212°F (100°C)*	-100°F (-73°C) +450°F (232°C)
-1.5	-	-	-	-	-	-
-02	-	-	3,000 (20.7)	3,150 (21.7)	3,000 (20.7)	-
-025	-	-	-	-	-	-
-03	-	-	3,250 (22.4)	3,250 (22.4)	3,250 (22.4)	-
-04	3,045 (21.0)	3,045 (21.0)	3,000 (20.7)	3,150 (21.7)	3,000 (20.7)	3,000 (20.7)
-05	-	-	2,500 (17.2)	3,150 (21.7)	2,500 (17.2)	-
-06	3,045 (21.0)	3,045 (21.0)	2,250 (15.5)	3,000 (20.7)	2,250 (15.5)	2,000 (13.8)
-08	3,045 (21.0)	3,045 (21.0)	2,250 (15.5)	3,000 (20.7)	2,250 (15.5)	1,750 (12.1)
-10	3,045 (21.0)	3,045 (21.0)	2,250 (15.5)	3,000 (20.7)	2,250 (15.5)	-
-12	3,045 (21.0)	3,045 (21.0)	1,250 (8.7)	1,660 (11.4)	-	1,000 (6.9)
-16	3,045 (21.0)	-	1,000 (6.9)	1,330 (9.2)	-	1,000 (6.9)
-20	-	-	-	-	-	1,000 (6.9)
-24	-	-	-	-	-	900 (6.2)
-32	-	-	-	-	-	-
-40	-	-	-	-	-	-
-48	-	-	-	-	-	-
	*varies by fluid Catalog 4660	Catalog 4660	Catalog 4660	*varies by fluid Catalog 4660	*varies by fluid Catalog 4660	Catalog 4660

For specific temperature range per size or industry standards by size, please reference catalog.

# Maximum Pressure Rating Chart - Hose

PSI/MPa up to 6,999 psi - PSI/bar over 7000 psi

3,000 - 3,999 psi  
(207 - 275 MPa)

							
	<b>919B</b>	<b>919J</b>	<b>919BJ</b>	<b>919U</b>	<b>929</b>	<b>929B</b>	<b>929BJ</b>
Ind. Std.	100R14B	100R14A; FDA	100R14B	100R14A; FDA	100R14A; FDA	100R14B	100R14B
Temp Range	-100°F (-73°C) +450°F (232°C)	-40°F (-40°C) +450°F (232°C)	-40°F (-40°C) +450°F (232°C)	-40°F (-40°C) +275°F (135°C)	-100°F (-73°C) +450°F (232°C)	-100°F (-73°C) +450°F (232°C)	-65°F (-54°C) +450°F (232°C)
-1.5	-	-	-	-	-	-	-
-02	-	-	-	-	-	-	-
-025	-	-	-	-	-	-	-
-03	-	-	-	-	-	-	-
-04	3,000 (20.7)	3,000 (20.7)	3,000 (20.7)	3,000 (20.7)	3,000 (20.7)	3,000 (20.7)	3,000 (20.7)
-05	3,000 (20.7)	3,000 (20.7)	3,000 (20.7)	-	-	-	-
-06	2,500 (17.2)	2,500 (17.2)	2,500 (17.2)	2,500 (17.2)	2,500 (17.2)	2,500 (17.2)	2,500 (17.2)
-08	2,000 (13.8)	2,000 (13.8)	2,000 (13.8)	2,000 (13.8)	2,000 (13.8)	2,000 (13.8)	2,000 (13.8)
-10	-	1,500 (10.3)	1,500 (10.3)	-	-	-	-
-12	-	1,200 (8.3)	1,200 (8.3)	1,200 (8.3)	-	1,200 (8.3)	1,200 (8.3)
-16	-	1,000 (6.9)	1,000 (6.9)	1,000 (6.9)	-	1,000 (6.9)	1,000 (6.9)
-20	-	-	-	-	-	-	-
-24	-	-	-	-	-	-	-
-32	-	-	-	-	-	-	-
-40	-	-	-	-	-	-	-
-48	-	-	-	-	-	-	-
	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660

3,000 - 3,999 psi  
(207 - 275 MPa)

4,000 - 4,999 psi  
(276-345 MPa)

						
	<b>919</b>	<b>560TJ</b>	<b>580N/588N</b>	<b>S5N</b>	<b>594TJ</b>	<b>944B*</b>
Ind. Std.	100R14A; FDA	100R1AT; MSHA	100R8; MSHA; DNV-GL	-	100R19; MSHA	-
Temp Range	-100°F (-73°C) +450°F (232°C)	-40°F (-40°C) +250°F (121°C)*	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +135°F (57°C)	-40°F (-40°C) +212°F (100°C)*	-65°F (-54°C) +400°F (204°C)
-1.5	-	-	-	-	-	-
-02	-	-	-	-	-	-
-025	-	-	-	-	-	-
-03	-	3,626 (25.0)	-	-	-	-
-04	3,000 (20.7)	3,263 (22.5)	-	-	4,061 (28.0)	-
-05	3,000 (20.7)	3,118 (21.5)	-	-	-	-
-06	2,500 (17.2)	2,750 (19.0)	-	4,000 (28.0)	4,061 (28.0)	4,500 (31.0)
-08	2,000 (13.8)	2,500 (17.2)	3,500 (24.1)	-	4,061 (28.0)	4,500 (31.0)
-10	1,500 (10.3)	2,000 (13.8)	2,750 (19.0)	-	4,061 (28.0)	4,000 (27.6)
-12	1,200 (8.3)	1,750 (12.1)	2,250 (15.5)	-	4,061 (28.0)	4,000 (27.6)
-16	1,000 (6.9)	-	2,000 (13.8)	-	-	4,000 (27.6)
-20	625 (4.3)	-	-	-	-	-
-24	-	-	-	-	-	-
-32	-	-	-	-	-	-
-40	-	-	-	-	-	-
-48	-	-	-	-	-	-
	*varies by fluid Catalog 4660	*varies by fluid Catalog 4660	Catalog 4660	Catalog 4660	*varies by fluid Catalog 4660	*pressure reduced for impulse application Catalog 4660

# Maximum Pressure Rating Chart - Hose








PSI/MPa up to 6,999 psi - PSI/bar over 7000 psi

5,000 - 6,999 psi  
(345-482 MPa)

						
	<b>575X/575XN</b>	<b>5CNG</b>	<b>HCRV O&amp;G</b>	<b>2340N O&amp;G</b>	<b>2448N O&amp;G/Blk Eagle</b>	<b>955B*</b>
Ind. Std.	MSHA; DNV-GL	ANSI; NFPA 52; CSA	ISO 13628-5	ISO 13628-5	DNV	-
Temp Range	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +185°F (85°C)	-40°F (-40°C) +131°F (55°C)	-40°F (-40°C) +158°F (70°C)	-40°F (-40°C) +158°F (70°C)	-65°F (-54°C) +400°F (204°C)
-1.5	-	-	-	-	-	-
-02	-	-	-	-	-	-
-025	-	-	-	-	-	-
-03	5,000 (34.5)	-	-	-	-	-
-04	5,000 (34.5)	5,000 (34.5)	-	-	-	5,500 (37.9)
-05	-	-	-	-	-	-
-06	5,000 (34.5)	5,000 (34.5)	-	-	-	5,500 (37.9)
-08	5,000 (34.5)	5,000 (34.5)	5,000 (34.5)	-	-	5,500 (37.9)
-10	-	-	-	-	-	5,500 (37.9)
-12	5,000 (34.5)	5,000 (34.5)	-	-	-	5,500 (37.9)
-16	5,000 (34.5)	5,000 (34.5)	5,000 (34.5)	-	-	5,500 (37.9)
-20	-	-	-	-	-	-
-24	-	-	-	5,000 (34.5)	-	-
-32	-	-	-	-	5,000 (34.5)	-
-40	-	-	-	-	-	-
-48	-	-	-	-	-	-
	Catalog 4660	Catalog 4660	Catalog 4900	Catalog 4900	Catalog 4900	Catalog 4660

\*pressure reduced for impulse application

5,000 - 6,999 psi  
(345-482 MPa)

							
	<b>HFS2R</b>	<b>520N</b>	<b>528N</b>	<b>590TJ</b>	<b>56DH</b>	<b>2020N HYD</b>	<b>2240N O&amp;G/Blk Eagle</b>
Ind. Std.	MSHA	100R8; MSHA; DNV-GL	100R8; J517; DNV-GL	MSHA	MSHA	-	DNV
Temp Range	-40°F (-40°C) +212°F (100°C)*	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +250°F (121°C)*	-40°F (-40°C) +200°F (93°C)	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +158°F (70°C)
-1.5	-	-	-	-	6,000 (41.4)	6,890 (47.5)	-
-02	-	-	-	-	6,000 (41.4)	5,800 (40.0)	-
-025	-	-	-	-	-	-	-
-03	-	5,000 (34.5)	5,000 (34.5)	-	-	-	-
-04	5,076 (35.0)	5,000 (34.5)	5,000 (34.5)	5,076 (35.0)	-	-	-
-05	-	4,500 (31.0)	4,500 (31.0)	-	-	-	-
-06	4,061 (28.0)	4,000 (27.6)	4,000 (27.6)	4,061 (28.0)	-	-	-
-08	3,553 (24.5)	3,500 (24.1)	3,500 (24.1)	3,553 (24.5)	-	-	-
-10	-	-	-	-	-	-	-
-12	-	-	-	2,500 (17.2)	-	-	-
-16	-	-	-	2,030 (14.0)	-	-	-
-20	-	-	-	-	-	-	-
-24	-	-	-	-	-	-	-
-32	-	-	-	-	-	-	-
-40	-	-	-	-	-	-	-
-48	-	-	-	-	-	-	5,000 (34.5)
	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4660	Catalog 4900	Catalog 4900

\*varies by fluid

\*varies by fluid
















# Maximum Pressure Rating Chart - Hose

PSI/MPa up to 6,999 psi - PSI/bar over 7000 psi

15,000 - 19,999 psi  
1,034 - 1,379 bar

	 <b>2240D WB</b>	 <b>2245D WB</b>	 <b>2640N-...15K HYD O&amp;G/Bik Eagle</b>	 <b>2648N O&amp;G/Bik Eagle</b>	 <b>2380N-...W WB</b>	 <b>2388N-...W WB/HYD</b>
Ind. Std.	DIN EN1829-2	DIN EN1829-2	DNV	DNV	DIN EN1829-2	DIN EN1829-2
Temp Range	-40°F (-40°C) +158°F (70°C)	-40°F (-40°C) +158°F (70°C)	-40°F (-40°C) +158°F (70°C)	-40°F (-40°C) +158°F (70°C)	+14°F (-10°C) +158°F (70°C)	+14°F (-10°C) +158°F (70°C)
-1.5	-	-	-	-	-	-
-02	15,950 (1,100)	-	-	-	-	-
-025	17,400 (1,200)	-	-	-	-	-
-03	15,955 (1,100)	15,000 (1,034)	-	-	-	-
-04	15,950 (1,100)	-	-	-	-	18,560 (1,280)
-05	-	-	-	-	15,000 (1,034)	-
-06	-	-	-	-	-	-
-08	-	-	-	-	-	15,950 (1,100)
-10	-	-	-	-	-	-
-12	-	-	-	-	-	-
-16	-	-	-	-	-	-
-20	-	-	-	-	-	-
-24	-	-	15,000 (1,035)	-	-	-
-32	-	-	-	15,000 (1,034)	-	-
-40	-	-	-	-	-	-
-48	-	-	15,000 (1,035)	-	-	-
	Catalog 4900	Catalog 4900	Catalog 4900	Catalog 4900	2380N also on previous pg. Catalog 4900	Catalog 4900

20,000 - 39,999 psi  
1,379 - 2,500 bar

	 <b>2248D WB</b>	 <b>2440D WB</b>	 <b>2440N WB</b>	 <b>2640D WB</b>	 <b>2640N WB</b>	 <b>2648N WB</b>
Ind. Std.	DIN EN1829-2	DIN EN1829-2	DIN EN1829-2	DIN EN1829-2	DIN EN1829-2	DIN EN1829-2
Temp Range	+14°F (-10°C) +158°F (70°C)	+14°F (-10°C) +158°F (70°C)	+14°F (-10°C) +158°F (70°C)	+14°F (-10°C) +158°F (70°C)	+14°F (-10°C) +158°F (70°C)	+14°F (-10°C) +158°F (70°C)
-1.5	-	-	-	-	-	-
-02	-	30,000 (2,070)	-	-	-	-
-025	21,750 (1,500)	31,900 (2,200)	-	-	-	-
-03	20,300 (1,400)	26,100 (1,800)	-	36,230 (2,500)	-	-
-04	-	23,780 (1,640)	20,300 (1,400)	-	-	-
-05	15,000 (1,034)	21,750 (1,500)	-	-	-	-
-06	-	-	20,300 (1,400)	-	-	-
-08	-	-	20,300 (1,400)	-	26,100 (1,800)	-
-10	-	-	-	-	-	-
-12	-	-	14,500 (1,000)	-	20,300 (1,400)	23,200 (1,600)
-16	-	-	13,050 (900)	-	-	21,750 (1,500)
-20	-	-	-	-	-	-
-24	-	-	-	-	-	-
-32	-	-	-	-	-	-
-40	-	-	-	-	-	-
-48	-	-	-	-	-	-
	Catalog 4900	Catalog 4900	Catalog 4900	Catalog 4900	Catalog 4900	Catalog 4900

# Maximum Pressure Rating Chart - Hose

PSI/MPa up to 6,999 psi - PSI/bar over 7000 psi

20,000 - 39,999 psi  
1,379 - 2,500 bar



**PFX-25**



Ind. Std.	DIN EN1829-2
Temp Range	+14°F (-10°C) +212°F (100°C)
-1.5	-
-02	-
-025	-
-03	-
-04	-
-05	36,230 (2,500)
-06	-
-08	-
-10	-
-12	-
-16	-
-20	-
-24	-
-32	-
-40	-
-48	-

Catalog 4900

40,000 psi and up  
2,758 bar



**2448D  
WB**



**PFX30  
WB**



**2840D  
WB**



**PFX38  
WB**

	2448D WB	PFX30 WB	2840D WB	PFX38 WB
Ind. Std.		DIN EN1829-2		DIN EN1829-2
Temp Range	+14°F (-10°C) +158°F (70°C)	+14°F (-10°C) +158°F (70°C)	+14°F (-10°C) +158°F (70°C)	+14°F (-10°C) +158°F (70°C)
-1.5	-	-	-	-
-02	-	-	-	-
-025	43,645 (3,010)	-	-	-
-03	-	-	58,000 (4,000)	-
-04	-	-	-	-
-05	-	43,645 (3,010)	-	55,000 (3,800)
-06	-	-	-	-
-08	-	-	-	-
-10	-	-	-	-
-12	-	-	-	-
-16	-	-	-	-
-20	-	-	-	-
-24	-	-	-	-
-32	-	-	-	-
-40	-	-	-	-
-48	-	-	-	-

# Maximum Pressure Rating Chart - Hose

## Metal Hose PSI

### METAL HOSE Pressures (psi)

See catalog 4690 for details

Style	9A			9M			9P		
	Standard - General Purpose			Extra Flexible			High Pressure		
	No Braid	1 Braid	2 Braids	No Braid	1 Braid	2 Braids	No Braid	1 Braid	2 Braid
Temp Range	-380°F (-228°C) 1200°F (648°C)			-380°F (-228°C) 1200°F (648°C)			-380°F (-228°C) 1200°F (648°C)		
Size									
1/4	90	1,800	2,700	90	1,800	2,700	-	5000	6000
3/8	70	1,558	2,336	70	1,558	2,336	-	3500	5000
1/2	70	1,186	1,779	70	1,186	1,779	-	2700	4500
4/8	57	1,205	1,808	57	1,205	1,808	-	-	-
3/4	43	898	1,347	43	898	1,347	-	2650	3600
1	43	718	1,077	43	718	1,077	-	2500	3000
1-1/4	43	645	968	43	645	968	-	1775	2600
1-1/2	28	531	797	28	531	797	-	1450	2200
2	14	449	674	14	449	674	-	1100	1675
2-1/2	14	417	626	14	417	626	-	700	1050
3	14	346	519	14	346	519	-	600	900
4	14	299	448	14	299	448	-	525	875
5	14	275	412	14	275	412	-	-	-
6	11	210	315	11	210	315	-	-	-



Catalog 4690

Catalog 4690

Catalog 4690



# Maximum Pressure Rating Chart - Hose

By Hose Size (psi)

parker.com/PFD

-1.5		-2		-025		-03		-04		-05			
PN	psi	PN	psi	PN	psi	PN	psi	PN	psi	PN	psi		
56DH-1.5	6,000	518D-2 100R7	3,000	2390N-025V10	7,500	B903	250	B904	250	560TJ-4	3,263	B905	250
		55LT-2	3,000	2380N-025V10	10,875	8LPG	435	83FR-4	300	563LT-4	3,045	8LPG-5	435
		HLBD02	3,000	2240D-025V33-TC	17,400	HLB03	3,000			594TJ-4	4,061	MSH-5	1,000
		518D-2 ANSI	3,150	2448D-025V32-TC	21,750	PTH-3	3,000			520N-4	5,000	MSXL-5	1,500
		2020N-02V30	5,800	2440D-025V37-TC	31,900	510D	3,250	8LPG	435	528N-4	5,000	510D-5	2,500
		56DH-2	6,000	2448D-025V35-TC	43,645	518D-3 100R7	3,250	04-NCB	725	575X-4	5,000	518D-5 100R7	2,500
		2240D-02V33-TC	15,950			518D-3 ANSI	3,250	04-NCW	725	5CNG-4	5,000	55LT-5	2,500
		2440D-02V37-TC	30,000			55LT-3	3,250	04-SCB	1,500	HFS2R04	5,076	919-5	3,000
						560TJ-3	3,626	04-SCW	1,750	590TJ-4	5,076	919B-5	3,000
						520N-3	5,000	1035HT-4	1,750	955B-4	5,500	D6R05	3,045
						528N-3	5,000	540P-4	2,750	2245N-04	6,525		
						575X-3	5,000	510D-4	3,000	527BA-4	7,000	560TJ-5	3,118
						527BA-3	7,000	518D-4 100R7	3,000	2390N-04V10	7,107		
						2245D-03V33	15,000	53DM-4	3,045	2390N-04V12	7,107	518D-5 ANSI	3,150
						2240D-03V33-TC	15,955	55LT-4	3,000	2390N-04V13	7,107	520N-5	4,500
						2248D-03V32-TC	20,300	919-4	3,000	2390N-04V16	7,107	528N-5	4,500
						2440D-03V32-TC	26,100	919B-4	3,000	2022N-04V15	10,000	2380N-05V00	14,500
						2640D-03V37	36,230	919J-4-RED	3,000	2022N-04V10-P	10,000	2248D-05V33-TC	15,000
								919BJ-4-ORG	3,000	2380N-04V00	10,150	2380N-05V03W	15,000
								919U-4	3,000	2380N-04V02	10,150	2440D-05V32-TC	21,750
								929-4	3,000	2380N-04V03	10,150	PFX25-05-TJ	36,230
								929B-4	3,000	2380N-04V04	10,150	PFX30-05	43,645
								929BJ-4	3,000	2380N-04V06	10,150	PFX30-05-TJ	43,645
										2380N-04V66	13,200	PFX38-05	55,000
										2448N-04V91	15,000	PFX38-05-TJ	55,000
										04-STB	3,000	2240D-04V33-TC	15,950
										04-STW	3,000	2388N-04V13W	18,560
										D6R04	3,045	2440N-04V32	20,300
										563TJ-4	3,045	2440D-04V32-TC	23,780
										518D-4 ANSI	3,150		

-20		-24		-32		-40		-48	
PN	psi	PN	psi	PN	psi	PN	psi	PN	psi
919-20	625	24-SCB	650			40-SCBV	200	48-SCBV	175
20-SCB	750	24-SCW	650	32-SCB	450	40-SCWV	200	48-SCWV	175
20-SCBV	750	24-SCWV	650	32-SCBV	450			2240N-48V80	5,000
20-SCW	750	24-SCBV	650	32-SCW	450			2440N-48V80	10,000
20-SCWV	750	939-24	750	32-SCWV	450			2640N-48V80	15,000
939-20	1,000	939B-24	750						
939-20B	1,000	24-STB	900	2580N-32V80	10,000				
20Z-STB	1,000	24-STW	900	2648N-32V80	15,000				
20Z-STW	1,000	2340N-24V10	5,000						
2380N-20V30	3,990	2640N-24V80-15K	15,000						

This page does not include metal hose. Refer to Catalog 4690

# Maximum Pressure Rating Chart - Hose

By Hose Size (psi)

parker.com/PFD

-06		-08		-10		-12		-16					
PN	psi	PN	psi	PN	psi	PN	psi	PN	psi				
B906	250	929B-6	2,500	B908	250			B910	250	12-NCW	200	16-NCB	200
83FR-6	300	929BJ-6	2,500	08-NCB	280			CNGRP-10	500	12-NCB	200	16-NCW	200
				08-NCW	280	D6R08	3,045	939-10	1,000	83FR-12	300		
		560TJ-6	2,750	83FR-8	300	563LT-8	3,045	939B-10	1,000				
06-NCB	400	518D-6 ANSI	3,000			563TJ-8	3,045	919-10	1,500			919-16	1,000
06-NCW	400	538DM-6	3,045			520N-8	3,500	919J-10-RED	1,500	CNGRP-12	500	919J-16-RED	1,000
8LPG-6	435	53DM-6	3,045	939-8	1,350	528N-8	3,500	919BJ-10-ORG	1,500	12-STB	1,000	919BJ-16-ORG	1,000
MSH-6	1,000			939B-8	1,350	580N-8	3,500	560TJ-10	2,000	12-STW	1,000	919U-16	1,000
06-SCB	1,500			08-SCB	1,500	588N-8	3,500	580N-10	2,750	939-12	1,100	929B-16	1,250
06-SCW	1,500	D6R06	3,045	08-SCBV	1,500	HFS2R08	3,553	588N-10	2,750	939B-12	1,100	929BJ-16	1,250
939-6	1,500	563TJ-6	3,045	08-SCW	1,500	590TJ-8	3,553	510D-10	2,250	12-SCB	1,200	939-16	1,000
939B-6	1,500	563LT-6	3,045	08-SCWV	1,500	S508N	4,000	518D-10 100R7	2,250	12-SCBV	1,200	939B-16	1,000
06-STB	2,000	520N-6	4,000	08-STB	1,750	594TJ-8	4,061			12-SCWV	1,200	16-SCB	1,000
06-STW	2,000	528N-6	4,000	08-STW	1,750	944B-8	4,500	518D-10 ANSI	3,000	12-SCW	1,200	16-SCBV	1,000
510D	2,250	HFS2R06	4,061	540P-8	2,000	575XN-8	5,000	53DM-10	3,045	919-12	1,200	16-SCW	925
518D-6 100R7	2,250	590TJ-6	4,061	55LT-8	2,000	5CNG-8	5,000			919J-12-RED	1,200	16-SCWV	1,000
55LT-6	2,250	594TJ-6	4,061	919-8	2,000	HCRV-8 Blue	5,000			919BJ-12-ORG	1,200	16-STB	1,000
540P-6	2,250	944B-6	4,500	919B-8	2,000	HCRV-8 Yellow	5,000	563LT-10	3,045	919U-12	1,200	16-STW	1,000
919-6	2,500	575X-6	5,000	919J-8-RED	2,000	HTBR08	5,000	563TJ-10	3,045	929B-12	1,200	510D	1,000
919B-6	2,500	5CNG-6	5,000	919BJ-8-ORG	2,000	955B-8	5,000			929BJ-12	1,200	518D-16 ANSI	1,000
919J-6-RED	2,500	2245N-06	5,440	919U-8	2,000	2245N-08	5,075	944B-10	4,000	510D-12	1,250		
919BJ-6-ORG	2,500	955B-6	5,500	929-8	2,000	2390N-08V12	6,017	HTBR10	4,000	518D-12 100R7	1,250	518D-16 100R7	1,330
919U-6	2,500	HTBR06	5,500	929B-8	2,000	2390N-08V13	6,017	594TJ-10	4,061			580N-16	2,000
929-6	2,500	2390N-06V13	6,450	929BJ-8	2,000	2390N-08V16	6,017	2245N-10	4,785	518D-12 ANSI	1,660	588N-16	2,000
929B-6	2,500	2022N-06V91-10K	10,000	510D-8	2,250	2022N-08V91-10K	10,000	955B-10	5,500	560TJ-12	1,750		
929BJ-6	2,500	2440N-06V32	20,300	518D-8 100R7	2,250	2440N-08V91	11,745			580N-12	2,250	590TJ-16	2,030
				560TJ-8	2,500	2388N-08V13	15,950			588N-12	2,250	S616	2,500
						2440N-08V32	20,300			S612	2,500	S916	3,000
560TJ-6	2,750			518D-8 ANSI	3,000	2440N-08V30/12	20,300			590TJ-12	2,500	563TJ-16	3,045
				53DM-8	3,045	2640N-08V32	26,100						
										S912	3,000	HTBR16	3,500
										53DM-12	3,045	944B-16	4,000
												2390N-16V13	4,060
										563LT-12	3,045	HCRV-16-BLU	5,000
										563TJ-12	3,045	HCRV-16-YEL	5,000
										944B-12	4,000	575X-16	5,000
										HTBR12	4,000	5CNG-16	5,000
										594TJ-12	4,061	955B-16	5,500
										2245N-12	4,350	2380N-16V12	5,510
										575X-12	5,000	2380N-16V13	5,510
										5CNG-12	5,000	2380N-16V16	5,510
										955B-12	5,500	2440N-16V91	8,120
										2020N-012R30	6,890	2440N-16V36	13,050
										2440N-12V91	10,000	2648N-16V32	21,750
										2440N-12V36	14,500		
										2640N-12V32	20,300		
										2640N-12V32/12	20,300		
										2648N-12V32	23,200		



Pressure Rating Chart (bar)  
See page 14

This page does not include metal hose. Refer to Catalog 4690

# Maximum Pressure Rating Chart - Hose

By Hose Size (MPa / \*bar)

parker.com/PFD

-1.5		-2		-025		-03		-04		-05			
PN	psi	PN	psi	PN	psi	PN	psi	PN	psi	PN	psi		
56DH-1.5	41.4	518D-2 100R7	20.7	2390N-025V10	517*	B903	1.7	B904	1.7	560TJ-4	22.5	B905	1.7
		55LT-2	20.7	2380N-025V10	750*	8LPG	3.0	83FR-4	2.1	563LT-4	21.0	8LPG-5	3.0
		HLBD02	20.7	2240D-025V33-TC	1200*	HLB03	20.7			594TJ-4	28.0	MSH-5	6.9
		518D-2 ANSI	21.7	2448D-025V32-TC	1500*	PTH-3	20.7	8LPG	3.0	520N-4	34.5	MSXL-5	10.3
		2020N-02V30	40.0	2440D-025V37-TC	2199*	510D	22.4			528N-4	34.5	510D-5	17.2
		56DH-2	41.4	2448D-025V35-TC	3009*	518D-3 100R7	22.4	04-NCB	5.0	575X-4	34.5	518D-5 100R7	17.2
		2240D-02V33-TC	1100*			518D-3 ANSI	22.4	04-NCW	5.0	5CNG-4	34.5	55LT-5	17.2
		2440D-02V37-TC	2068*			55LT-3	22.4	04-SCB	10.3	HFS2R04	35.0	919-5	20.7
						560TJ-3	25.0	04-SCW	12.1	590TJ-4	35.0	919B-5	20.7
						520N-3	34.5	1035HT-4	12.1	955B-4	37.9	D6R05	21.0
						528N-3	34.5	540P-4	19.0	2245N-04	45.0		
						575X-3	34.5	510D-4	20.7	527BA-4	48.3	560TJ-5	21.5
						527BA-3	48.3	518D-4 100R7	20.7	2390N-04V10	490*		
						2245D-03V33	1034*	53DM-4	21.0	2390N-04V12	490*	518D-5 ANSI	21.7
						2240D-03V33-TC	1100*	55LT-4	20.7	2390N-04V13	490*	520N-5	31.0
						2248D-03V32-TC	1400*	919-4	20.7	2390N-04V16	490*	528N-5	31.0
						2440D-03V32-TC	1800*	919B-4	20.7	2022N-04V15	689*	2380N-05V00	1000*
						2640D-03V37	2498*	919J-4-RED	20.7	2022N-04V10-P	689*	2248D-05V33-TC	1034*
								919BJ-4-ORG	20.7	2380N-04V00	700*	2380N-05V03W	1034*
						2740D-03V34/15	2799*	919U-4	20.7	2380N-04V02	700*	2440D-05V32-TC	1500*
						2840D-03V34	3999*	929-4	20.7	2380N-04V03	700*	PFX25-05-TJ	2498*
						2840D-03V36/14	3999*	929B-4	20.7	2380N-04V04	700*	PFX30-05	3009*
								929BJ-4	20.7	2380N-04V06	700*	PFX30-05TJ	3009*
										2380N-04V66	910*	PFX38-05	3800*
										2448N-04V91	1034*	PFX38-05-TJ	3800*
								04-STB	20.7	2240D-04V33-TC	1100*		
								04-STW	20.7	2388N-04V13W	1280*		
								D6R04	21.0	2440N-04V32	1400*		
								563TJ-4	21.0	2440D-04V32-TC	1640*		
								518D-4 ANSI	21.7				

-20		-24		-32		-40		-48	
PN	psi	PN	psi	PN	psi	PN	psi	PN	psi
919-20	4.3	24-SCB	4.5			40-SCBV	1.4	48-SCBV	1.2
20-SCB	5.2	24-SCW	4.5	32-SCB	3.1	40-SCWV	1.4	48-SCWV	1.2
20-SCBV	5.2	24-SCWV	4.5	32-SCBV	3.1			2240N-48V80	345*
20-SCW	5.2	24-SCBV	4.5	32-SCW	3.1			2440N-48V80	689*
20-SCWV	5.2	939-24	5.2	32-SCWV	3.1			2640N-48V80	1034*
939-20	6.9	939B-24	5.2						
939-20B	6.9	24-STB	6.2	2580N-32V80	689*				
20Z-STB	6.9	24-STW	6.2	2648N-32V80	1034*				
20Z-STW	6.9	2340N-24V10	345*						
2380N-20V30	275*	2640N-24V80-15K	1034*						

Bar values are designated with "\*\*". This page does not include metal hose. Refer to Catalog 4690

# Maximum Pressure Rating Chart - Hose

By Hose Size (MPa / \*bar)

parker.com/PFD

-06		-08		-10		-12		-16			
PN	psi	PN	psi	PN	psi	PN	psi	PN	psi		
B906	1.7	929B-6	17.2	B908	1.7	B910	1.7	12-NCW	1.4	16-NCB	1.4
83FR-6	2.1	929BJ-6	17.2	08-NCB	1.9	CNGRP-10	3.4	12-NCB	1.4	16-NCW	1.4
				08-NCW	1.9	D6R08	21.0	939-10	6.9		
		560TJ-6	19.0	83FR-8	2.1	563LT-8	21.0	939B-10	6.9		
06-NCB	2.8	518D-6 ANSI	20.7			563TJ-8	21.0	919-10	10.3	919-16	6.9
06-NCW	2.8	538DM-6	21.0			520N-8	24.1	919J-10-RED	10.3	CNGRP-12	3.4
8LPG-6	3.0	53DM-6	21.0	939-8	9.3	528N-8	24.1	919BJ-10-ORG	10.3	12-STB	6.9
MSH-6	6.9			939B-8	9.3	580N-8	24.1	560TJ-10	13.8	12-STW	6.9
06-SCB	10.3			08-SCB	10.3	588N-8	24.1	580N-10	19.0	939-12	7.6
06-SCW	10.3	D6R06	21.0	08-SCBV	10.3	HFS2R08	24.5	588N-10	19.0	939B-12	7.6
939-6	10.3	563TJ-6	21.0	08-SCW	10.3	590TJ-8	24.5	510D-10	15.5	12-SCB	8.3
939B-6	10.3	563LT-6	21.0	08-SCWV	10.3	S508N	27.6	518D-10 100R7	15.5	12-SCBV	8.3
06-STB	13.8	520N-6	27.6	08-STB	12.1	594TJ-8	28.0			12-SCWV	8.3
06-STW	13.8	528N-6	27.6	08-STW	12.1	944B-8	31.0	518D-10 ANSI	20.7	12-SCW	8.3
510D	15.5	HFS2R06	28.0	540P-8	13.8	575XN-8	34.5	53DM-10	21.0	919-12	8.3
518D-6 100R7	15.5	590TJ-6	28.0	55LT-8	13.8	5CNG-8	34.5			919J-12-RED	8.3
55LT-6	15.5	594TJ-6	28.0	919-8	13.8	HCRV-8 Blue	34.5			919BJ-12-ORG	8.3
540P-6	15.5	944B-6	31.0	919B-8	13.8	HCRV-8 Yellow	34.5	563LT-10	21.0	919U-12	8.3
919-6	17.2	575X-6	34.5	919J-8-RED	13.8	HTBR08	34.5	563TJ-10	21.0	929B-12	8.3
919B-6	17.2	5CNG-6	34.5	919BJ-8-ORG	13.8	955B-8	34.5			929BJ-12	8.3
919J-6-RED	17.2	2245N-06	37.5	919U-8	13.8	2245N-08	435.0*	944B-10	27.6	510D-12	8.6
919BJ-6-ORG	17.2	955B-6	37.9	929-8	13.8	2390N-08V12	415*	HTBR10	27.6	518D-12 100R7	8.6
919U-6	17.2	HTBR06	37.9	929B-8	13.8	2390N-08V13	415*	594TJ-10	28.0		580N-16
929-6	17.2	2390N-06V13	445*	929BJ-8	13.8	2390N-08V16	415*	2245N-10	33.0	518D-12 ANSI	11.4
929B-6	17.2	2022N-06V91-10K	689*	510D-8	15.5	2022N-08V91-10K	689*	955B-10	37.9	560TJ-12	12.1
929BJ-6	17.2	2440N-06V32	1400*	518D-8 100R7	15.5	2440N-08V91	810*			580N-12	15.5
				560TJ-8	17.2	2388N-08V13	1100*			588N-12	15.5
560TJ-6	19.0					2440N-08V32	1400*			S612	17.2
				518D-8 ANSI	20.7	2440N-08V30/12	1400*			590TJ-12	17.2
				53DM-8	21.0	2640N-08V32	1800*				563TJ-16
											24.1
										S912	20.7
										53DM-12	21.0
											27.6
											28.0
										563LT-12	21.0
										563TJ-12	21.0
										944B-12	27.6
										HTBR12	27.6
										594TJ-12	28.0
										2245N	30.0
										575X-12	34.5
										5CNG-12	34.5
										955B-12	37.9
										2020N-012R30	475*
										2440N-12V91	689*
										2440N-12V36	1000*
										2640N-12V32	1400*
										2640N-12V32/12	1400*
										2648N-12V32	1600*
											28.0
											34.5
											34.5
											34.5
											37.9
											380*
											380*
											380*
											560*
											900*
											1500*

### MPa vs Bar

Hoses are used in many industries. On this page, many of the values displayed (MPa or bar) are determined by the industry where the hoses have the most popularity. Bar values are designated with "\*".

The multiplication factor for changing bar into MPa is as follows: 1 MPa = 1,000,000 pascals (Pa) 1 bar = 100,000 pascals (Pa) so if you are trying determine the MPa value for 1520 bar, you would move the decimal place to the left. ie 1520 bar = 152 MPa



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**Pressure Rating Chart (PSI)**  
See page 12

Bar values are designated with "\*". This page does not include metal hose. Refer to Catalog 4690

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