



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.



MARKETS



Fluid Handling

Parflex hose and tubing keeps transfer lines, dispensers and hydraulic systems flowing, especially the pure, the critical, the harsh and the extreme. Parflex hoses are unmatched by rubber alternatives. For our customers, this means reduced warranty and replacement costs. Our customers can reduce installation times by more than 50%...

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Instrumentation

From medical laboratories to refineries, Parflex PTFE, FEP and PFA tubing is found in standard and high purity designs. Thermal control tubing products, such as steam and electric trace tubing, as well as analyzer and probe support bundles are also used.

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Material Handling

Parflex specializes in solutions for extreme applications and nothing is more extreme than the demands of heavy duty forklifts, scissor lifts and rough terrain forklifts. They must endure continual flexing as the hydraulic lift expands and contracts, the abuse from abrasion as power units come in contact with trees or wood pallets, and an extreme range of temperatures...

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Transportation

From cleaner air to lighter vehicles, Parflex helps customers reduce overall costs by providing hose and tubing solutions to meet and/or exceed these requirements. Did you know that Parflex makes enough air brake tubing in one year to circle the globe? And as the world's transportation systems get larger and more sophisticated, the regulations and demands ...

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Oil & Gas

Parflex produces so many products for oil and gas it's difficult to highlight just a few. But we'll try. The 2340N 1-1/2" flexible hose is the first of its kind, replacing troublesome rubber hoses in subsea applications. And HCR Collapse Resistant Hose is the first subsea collapse resistant hose offered in colors for line identification.

[continue reading on website](#)



Specialty

Parflex is unique in its ability to build hoses that handle pressures from 200 psi up to 58,000 psi, supply continuous lengths up to 10,000 feet and for food or medical applications, supply FDA and USP Class VI hoses. Our versatility is why Parflex products are found in so many "niche" markets and extreme applications.

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Mobile Equipment

Parflex's thermoplastic hose assemblies for lubrication and diagnostic lines are inherently resistant to pin-hole leaks, making the equipment that use them more reliable than ever. These hydraulic hoses are compact, have a tight bend radius, low force to flex, are light weight and have a core tube that is compatible with a large variety of media.

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Packaging

From the manufacturing area to the shipping dock, Parker is a one-stop-source for hose and tubing. One reason Parflex hose and tubing is used in so many different packaging applications is durability. Packaging applications require products that can withstand abrasion and repeated flexing without causing the hose or tube to fail prematurely.

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Industrial

Parker air hose products provide robust service in air tool, compressors, manufacturing/process equipment and general industrial applications. Serving a broad range of markets, the hoses are offered in flexible rubber constructions and light-weight, abrasion resistant thermoplastic constructions, each in multiple colors, pressures and sizes.

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Semiconductor

For more than 30 years, the Parflex facility in Fort Worth, TX, has manufactured hose and tubing that withstand the ultraviolet rays of the semiconductor production process and the transfer of hot chemical vapors, corrosive chemicals and other fluids. Yet, nothing is more important than purity, because the smallest compromise can shut down the entire product line.

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Military

Parflex reinforced thermoplastic hydraulic hoses can reduce weight by up to 70% when compared to steel tubing or traditional wire reinforced rubber hose. By reducing the overall weight of the fluid conveyance system, critical payload weight can be optimized. On a recent military application, Parflex thermoplastic hose reduced weight by 27.5 pounds. (39% reduction)

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Waterblast

The polyflex TOUGHJACKET™ water blast hose, featuring 650x the abrasion resistance of rubber and the elimination of a bulky, PVC cover, is designed specifically for waterblast and waterjet applications. These thermoplastic hoses are available with operating pressures up to 58,000 psi and all are compliant to WJTA recommendations.

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MAXIMUM HOSE PRESSURE RATING CHART (PSI)

Parker.com/PFD

**Under 1,000 psi
69 bar**

							
Ind. Std.	B9	83FR	CNGRP	NCW/NCB	MSH	MSXL	1035HT
Temp Range	-40°F (-40°C) +200°F (93°C)	MSHA; UL94HB -20°F (-29°C) +200°F (93°C)	ANSI; NFPA 52; CSA -40°F (-40°C) +250°F (121°C)	FDA; USP Class VI -100°F (-73°C) +400°F (204°C)	-40°F (-40°C) +200°F (93°C)	-40°F (-40°C) +185°F (85°C)	-40°F (-40°C) +230°F (110°C)
-1.5	-	-	-	-	-	-	-
-02	-	-	-	-	-	-	-
-025	-	-	-	-	-	-	-
-03	250 (17)	-	-	-	-	-	-
-04	250 (17)	300 (21)	-	725 (50)	-	-	1,750 (121)
-05	250 (17)	-	-	-	1,000 (69)	1,500 (103)	-
-06	250 (17)	300 (21)	-	400 (28)	1,000 (69)	-	-
-08	250 (17)	300 (21)	-	280 (19)	-	-	-
-10	250 (17)	-	500 (35)	-	-	-	-
-12	-	300 (21)	500 (35)	200 (14)	-	-	-
-16	-	-	-	200 (14)	-	-	-
-20	-	-	-	-	-	-	-
-24	-	-	-	-	-	-	-
-32	-	-	-	-	-	-	-
-40	-	-	-	-	-	-	-
-48	-	-	-	-	-	-	-

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**1,000 - 2,999 psi
69 - 207 bar**

							
Ind. Std.	MSHA	100R7; FDA-core	100R7; MSHA	100R7; ANSI	FDA-natural only	FDA-natural only	FDA-natural only
Temp Range	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +150°F (66°C)	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +212°F (100°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	-	-	2,500 (172)	2,500 (172) : 3,150 (217)	-	-	-
-025	-	-	-	-	-	-	-
-03	-	-	3,250 (22.4)	3,250 (22.4) : 3,250 (224)	-	-	-
-04	2,000 (138)	2,750 (190)	3,000 (207)	3,000 (207) : 3,150 (217)	-	1,500 (103)	-
-05	-	-	2,500 (172)	2,500 (172) : 3,150 (217)	-	-	-
-06	1,500 (103)	2,250 (155)	2,250 (155)	2,250 (155) : 3,000 (207)	1,500 (103)	1,500 (103)	-
-08	-	2,000 (138)	2,250 (155)	2,250 (155) : 3,000 (207)	1,350 (9.3)	1,500 (103)	1,500 (103)
-10	-	-	-	-	1,000 (69)	-	-
-12	-	-	1,250 (87)	1,250 (87) : 1,660 (114)	1,100 (76)	1,200 (83)	1,200 (83)
-16	-	-	1,000 (69)	1,000 (69) : 1,330 (92)	1,000 (69)	900 (62)	1,000 (69)
-20	-	-	-	-	1,000 (69)	750 (52)	750 (52)
-24	-	-	-	-	750 (52)	650 (45)	650 (45)
-32	-	-	-	-	250 (17)	450 (31)	450 (31)
-40	-	-	-	-	-	-	200 (14)
-48	-	-	-	-	-	-	175 (1.2)
-64	-	-	-	-	*varies by fluid	-	150 (10)

Catalog 4660

MAXIMUM HOSE PRESSURE RATING CHART (PSI)

Parker.com/PFD

**3,000 - 3,999 psi
207 - 275 bar**



Ind. Std.	D6R/D6RX	H6	R6	53DM/538DM-6	PTH	HLB	563TJ
Temp Range	100R7; MSHA; ISO11237 -40°F (-40°C) +250°F (121°C)*	100R17 -70°F (-57°C) +250°F (121°C)*	100R17 -50°F (-45°C) +250°F (121°C)*	100R18 -70°F (-57°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)*
-1.5	-	-	-	-	-	-	-
-02	-	-	-	-	-	3,000 (207)	-
-025	-	-	-	-	-	-	-
-03	-	-	-	-	3,000 (207)	3,000 (207)	-
-04	3,045 (210)	3,000 (207)	3,000 (207)	3,000 (207)	-	-	3,045 (210)
-05	3,045 (210)	3,000 (207)	-	-	-	-	-
-06	3,045 (210)	3,000 (207)	3,000 (207)	3,000 (207)	-	-	3,045 (210)
-08	3,045 (210)	3,000 (207)	3,000 (207)	3,000 (207)	-	-	3,045 (210)
-10	3,045 (210)	3,000 (207)	3,000 (207)	3,000 (207)	-	-	-
-12	3,045 (210)	3,000 (207)	3,000 (207)	3,000 (207)	-	-	-
-16	3,045 (210)	-	-	-	-	-	-
-20	-	-	-	-	-	-	-
-24	-	-	-	-	-	-	-
-32	-	-	-	-	-	-	-
-40	-	-	-	-	-	-	-
-48	-	-	-	-	-	-	-
*varies by fluid		*varies by fluid		*varies by fluid		*varies by fluid	
Catalog 4660		Catalog 4660		Catalog 4660		Catalog 4660	

**3,000 - 3,999 psi
207 - 275 bar**



Ind. Std.	510A	540N	518D	55LT	STW/STB	919	
Temp Range	100R7; MSHA -40°F (-40°C) +212°F (100°C)	100R7; MSHA -40°F (-40°C) +212°F (100°C)	100R7 -40°F (-40°C) +212°F (100°C)	ANSI 3,150 (217)	100R7 -40°F (-40°C) +212°F (100°C)*	FDA; USP Class VI -100°F (-73°C) +450°F (232°C)	100R14A; FDA -100°F (-73°C) +450°F (232°C)
-1.5	-	-	-	-	-	-	-
-02	-	3,000 (207)	3,000 (207)	3,000 (207)	-	-	-
-025	-	-	-	-	-	-	-
-03	3,000 (207)	3,000 (207)	3,250 (224)	3,250 (224)	3,250 (224)	-	-
-04	2,750 (190)	2,750 (190)	3,000 (207)	3,150 (217)	3,000 (207)	3,000 (207)	3,000 (207)
-05	-	2,500 (172)	2,500 (172)	3,150 (217)	2,500 (172)	-	3,000 (207)
-06	-	2,250 (155)	2,250 (155)	3,000 (207)	2,250 (155)	2,000 (138)	2,500 (172)
-08	-	2,000 (138)	2,250 (155)	3,000 (207)	2,000 (138)	1,750 (121)	2,000 (138)
-10	-	-	-	-	-	-	1,500 (103)
-12	-	1,250 (87)	1,250 (87)	1,660 (114)	-	1,000 (69)	1,200 (83)
-16	-	-	-	-	-	1,000 (69)	1,000 (69)
-20	-	-	-	-	-	1,000 (69)	625 (43)
-24	-	-	-	-	-	1,000 (69)	-
-32	-	-	-	-	-	-	-
-40	-	-	-	-	-	-	-
-48	-	-	-	-	-	-	-
*varies by fluid							
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MAXIMUM HOSE PRESSURE RATING CHART (PSI)

Parker.com/PFD

3,000 - 3,999 psi
207 - 275 bar

Ind. Std.	919B	919J	919U	929	929B	929BJ	HFSR
Temp Range	100R14B -100°F (-73°C) +450°F (232°C)	100R14A; FDA -40°F (-40°C) +450°F (232°C)	100R14A; FDA -40°F (-40°C) +275°F (135°C)	100R14A; FDA -100°F (-73°C) +450°F (232°C)	100R14B -100°F (-73°C) +450°F (232°C)	- -65°F (-54°C) +450°F (232°C)	100R1AT; ISO 1436 -40°F (-40°C) +250°F (121°C)*
-1.5	-	-	-	-	-	-	-
-02	-	-	-	-	-	-	-
-025	-	-	-	-	-	-	-
-03	-	-	-	-	-	-	-
-04	3,000 (207)	3,000 (207)	3,000 (207)	3,000 (207)	3,000 (207)	3,000 (207)	3,263 (225)
-05	3,000 (207)	3,000 (207)	-	-	-	-	3,118 (215)
-06	2,500 (172)	2,500 (172)	2,500 (172)	2,500 (172)	2,500 (172)	2,500 (172)	2,611 (180)
-08	2,000 (138)	2,000 (138)	2,000 (138)	2,000 (138)	2,000 (138)	2,000 (138)	2,500 (172)
-10	-	1,500 (103)	-	-	-	-	-
-12	-	1,200 (83)	1,200 (83)	-	1,200 (83)	1,200 (83)	1,523 (105)
-16	-	1,000 (69)	1,000 (69)	-	1,000 (69)	1,000 (69)	1,276 (88)
-20	-	-	-	-	-	-	-
-24	-	-	-	-	-	-	-
-32	-	-	-	-	-	-	-
-40	-	-	-	-	-	-	-
-48	-	-	-	-	-	-	-

*varies by fluid

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3,000 - 3,999 psi
207 - 275 bar

4,000 - 4,999 psi
276 - 345 bar

Ind. Std.	560TJ	580N/588N	2240N O&G BLK EAG	594TJ	944B
Temp Range	100R1AT; MSHA -40°F (-40°C) +250°F (121°C)*	MSHA -40°F (-40°C) +212°F (100°C)	- -40°F (-40°C) +158°F (70°C)	100R19; MSHA -40°F (-40°C) +212°F (100°C)*	- -65°F (-54°C) +400°F (204°C)
-1.5	-	-	-	-	-
-02	-	-	-	-	-
-025	-	-	-	-	-
-03	3,626 (250)	-	-	-	-
-04	3,263 (225)	-	-	4,061 (280)	-
-05	3,118 (215)	-	-	-	-
-06	2,750 (190)	-	-	4,061 (280)	4,500 (310)
-08	2,500 (172)	3,500 (241)	-	4,061 (280)	4,500 (310)
-10	2,000 (138)	2,750 (190)	-	4,061 (280)	4,000 (276)
-12	1,750 (121)	2,250 (155)	-	-	4,000 (276)
-16	-	2,000 (138)	-	-	4,000 (276)
-20	-	-	-	-	-
-24	-	-	-	-	-
-32	-	-	3,000 (207)	-	-
-40	-	-	-	-	-
-48	-	-	5,000 (345)	-	-

*varies by fluid

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Catalog 4660

Catalog 4900

*varies by fluid

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MAXIMUM HOSE PRESSURE RATING CHART (PSI)

Parker.com/PFD

**5,000 - 6,999 psi
345 - 482 bar**



	575X	5CNG	HCR O&G	57CR O&G	2448N O&G BLK EAG	955B	HFS2R
Ind. Std.	MSHA	ANSI; NFPA 52; CSA	-	-	DNV	-	MSHA
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) +140°F (60°C)	-40°F (-40°C) +158°F (70°C)	-65°F (-54°C) +400°F (204°C)	-40°F (-40°C) +212°F (100°C)*
-1.5	-	-	-	-	-	-	-
-02	-	-	-	-	-	-	-
-025	-	-	-	-	-	-	-
-03	5,000 (345)	-	-	-	-	-	-
-04	5,000 (345)	5,000 (345)	-	-	-	5,500 (379)	5,000 (345)
-05	-	-	-	-	-	-	-
-06	5,000 (345)	5,000 (345)	-	-	-	5,500 (379)	4,000 (276)
-08	5,000 (345)	5,000 (345)	5,000 (345)	5,000 (345)	-	5,500 (379)	3,500 (241)
-10	-	-	-	-	-	5,500 (379)	2,750 (190)
-12	5,000 (345)	5,000 (345)	-	-	-	5,500 (379)	2,250 (155)
-16	5,000 (345)	5,000 (345)	5,000 (345)	5,000 (345)	-	5,500 (379)	2,000 (138)
-20	-	-	-	-	-	-	-
-24	-	-	-	-	-	-	-
-32	-	-	-	-	5,000 (345)	-	-
-40	-	-	-	-	-	-	-
-48	-	-	-	-	-	-	-

*varies by fluid

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**5,000 - 6,999 psi
345 - 482 bar**



	520N	528N	590TJ	56DH	2020N HYD
Ind. Std.	100R8; MSHA	100R8; J517	MSHA	MSHA	-
Temp Range	-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) +180°F (82°C)
-1.5	-	-	-	6,000 (414)	-
-02	-	-	-	6,000 (414)	6,890 (475)
-025	-	-	-	-	-
-03	5,000 (345)	5,000 (345)	-	-	5,800 (400)
-04	5,000 (345)	5,000 (345)	5,076 (350)	-	-
-05	4,500 (310)	4,500 (310)	-	-	-
-06	4,000 (276)	4,000 (276)	4,061 (280)	-	-
-08	3,500 (241)	3,500 (241)	3,553 (245)	-	-
-10	-	-	-	-	-
-12	-	-	2,500 (172)	-	-
-16	-	-	2,030 (140)	-	-
-20	-	-	-	-	-
-24	-	-	-	-	-
-32	-	-	-	-	-
-40	-	-	-	-	-
-48	-	-	-	-	-

*varies by fluid

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MAXIMUM HOSE PRESSURE RATING CHART (PSI)

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**7,000 - 9,999 psi
483 - 689 bar**



527BA



HTB



**2390N
HYD/O&G**

**10,000 - 14,999 psi
690 - 1034 bar**



**2580N
O&G/BLK EAG**



**2022N
HYD/O&G**

Ind. Std.

CGA; NFPA

MSHA

ISO 13628-5

Temp Range

-40°F (-40°C)
+180°F (82°C)

-40°F (-40°C)
+212°F (100°C)*

-40°F (-40°C)
+212°F (100°C)

-1.5

-

-0.2

-

-0.25

-

-0.3

7,000 (483)

-0.4

7,000 (483)

-0.5

-

-0.6

-

-0.8

-

-10

-

-12

-

-16

-

-20

-

-24

-

-32

-

-40

-

-48

-

*varies by fluid

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Catalog 4900

Catalog 4900

Catalog 4900

**10,000 - 14,999 psi
690 - 1034 bar**



**2440N
HYD/O&G**



**2640N
O&G**



**2580M
O&G GLD EAG**



**2440N
O&G BLK EAG**



**2380N HIGH
PRESS HYD**



**2380N
HYD/O&G**

Ind. Std.

DNV

-

-

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)

-1.5

-

-0.2

-

-0.25

-

-0.3

-

-0.4

-

-0.5

-

-0.6

12,688 (875)

-0.8

11,745 (810)

-10

-

-12

10,000 (690)

-16

8,120 (560)

-20

-

-24

-

-32

-

-40

-

-48

-

-64

Catalog 4900

Catalog 4900

Catalog 4900

Catalog 4900

Catalog 4900

Catalog 4900

MAXIMUM HOSE PRESSURE RATING CHART (PSI)

Parker.com/PFD

**10,000 - 14,999 psi
690 - 1,034 bar**

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



Ind. Std.

**2388N
HYD/O&G**

**2448N
HYD/O&G**

**2440M
O&G**

**2448M
O&G**

**2640M
O&G**

**2640N-...15K O&G
BLK EAG**

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)	ISO 13628-5	ISO 13628-5	ISO 13628-5	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +158°F (70°C)
-1.5	-	-	-	-	-	-	-	-	-
-02	-	-	-	-	-	-	-	-	-
-025	-	-	-	-	-	-	-	-	-
-03	-	-	-	-	-	-	-	-	-
-04	11,600 (800)	15,000 (1,035)	12,500 (875)	15,000 (1,035)	-	-	-	-	-
-05	-	-	10,000 (690)	15,000 (1,035)	-	-	-	-	-
-06	-	-	10,000 (690)	15,000 (1,035)	-	-	-	-	-
-08	15,950 (1,100)	12,688 (875)	10,000 (690)	-	-	15,000 (1,035)	-	-	-
-10	-	-	-	-	-	-	-	-	-
-12	-	-	-	-	-	-	-	-	-
-16	-	-	-	-	-	-	-	-	-
-20	-	-	-	-	-	-	-	-	-
-24	-	-	-	-	-	10,000 (690)	-	-	-
-32	-	-	-	-	-	-	-	-	-
-40	-	-	-	-	-	-	-	-	-
-48	-	-	-	-	-	-	-	15,000 (1,035)	-

Catalog 4900

Catalog 4900

Catalog 4900

Catalog 4900

Catalog 4900

Catalog 4900

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

**20,000 - 30,000 psi
1,379 - 2,068 bar**



Ind. Std.

**2648N
O&G BLK EAG**

**2380N-...W
WB**

**2240D
WB**

**2388N-...W
WB**

**2440N
WB**

**2248D
WB**

Temp Range	DNV	DIN EN1829-2				
-1.5	-	-	-	-	-	-
-02	-	-	15,950 (1,100)	-	-	-
-025	-	-	-	-	-	-
-03	-	-	-	-	-	-
-04	-	-	15,950 (1,100)	18,560 (1,280)	20,300 (1,400)	-
-05	-	14,500 (1,000)	-	-	-	15,000 (1,034)
-06	-	-	-	-	20,300 (1,400)	-
-08	-	-	-	15,950 (1,100)	20,300 (1,400)	-
-10	-	-	-	-	-	-
-12	-	-	-	-	14,500 (1,000)	-
-16	-	-	-	-	13,050 (900)	-
-20	-	-	-	-	-	-
-24	-	-	-	-	-	-
-32	15,000 (1,034)	-	-	-	-	-
-40	-	-	-	-	-	-
-48	-	-	-	-	-	-
-64	-	-	-	-	-	-

Catalog 4900

Catalog 4900

Catalog 4900

Catalog 4900

Catalog 4900

Catalog 4900

MAXIMUM HOSE PRESSURE RATING CHART (PSI)

Parker.com/PFD

20,000 - 30,000 psi
1,379 - 2,068 bar

40,000 psi and up
2,758 bar

Ind. Std.	DIN EN1829-2	DIN EN1829-2	DIN EN1829-2	DIN EN1829-2	DIN EN1829-2	DIN EN1829-2	DIN EN1829-2
Temp Range	-40°F (-40°C) +200°F (93°C)	-20°F (-29°C) +200°F (93°C)	+14°F (-10°C) +158°F (70°C)	+14°F (-10°C) +212°F (100°C)	+14°F (-10°C) +158°F (70°C)	+14°F (-10°C) +158°F (70°C)	+14°F (-10°C) +212°F (100°C)
-1.5	-	-	-	-	-	-	-
-02	-	-	-	-	-	-	-
-025	-	-	31,900 (2,200)	-	40,600 (2,800)	-	43,500 (3,000)
-03	-	-	26,100 (1,800)	-	36,230 (2,500)	-	40,600 (2,800)
-04	-	-	23,780 (1,640)	-	-	-	-
-05	-	-	21,750 (1,500)	-	-	40,600 (2,800)	36,230 (2,500)
-06	-	-	-	-	-	-	-
-08	23,200 (1,600)	26,100 (1,800)	-	-	-	-	-
-10	-	-	-	-	-	-	-
-12	20,300 (1,400)	20,300 (1,400)	-	23,200 (1,600)	-	-	-
-16	17,400 (1,200)	-	-	21,750 (1,500)	-	-	-
-20	-	-	-	-	-	-	-
-24	-	-	-	-	-	-	-
-32	-	-	-	-	-	-	-
-40	-	-	-	-	-	-	-
-48	-	-	-	-	-	-	-

Catalog 4900

40,000 psi and up
2,758 bar

Ind. Std.	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)	-40°F (-40°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)	43,500 (3,000)
-06	-	-	-	-	-
-08	-	-	43,500 (3,000)	-	36,250 (2,500)
-10	-	-	-	-	-
-12	-	-	-	-	-
-16	-	-	-	-	-
-20	-	-	-	-	-
-24	-	-	-	-	-
-32	-	-	-	-	-
-40	-	-	-	-	-
-48	-	-	-	-	-

*Not DIN compliant

Catalog 4900

Catalog 4900

Catalog 4900

Catalog 4900

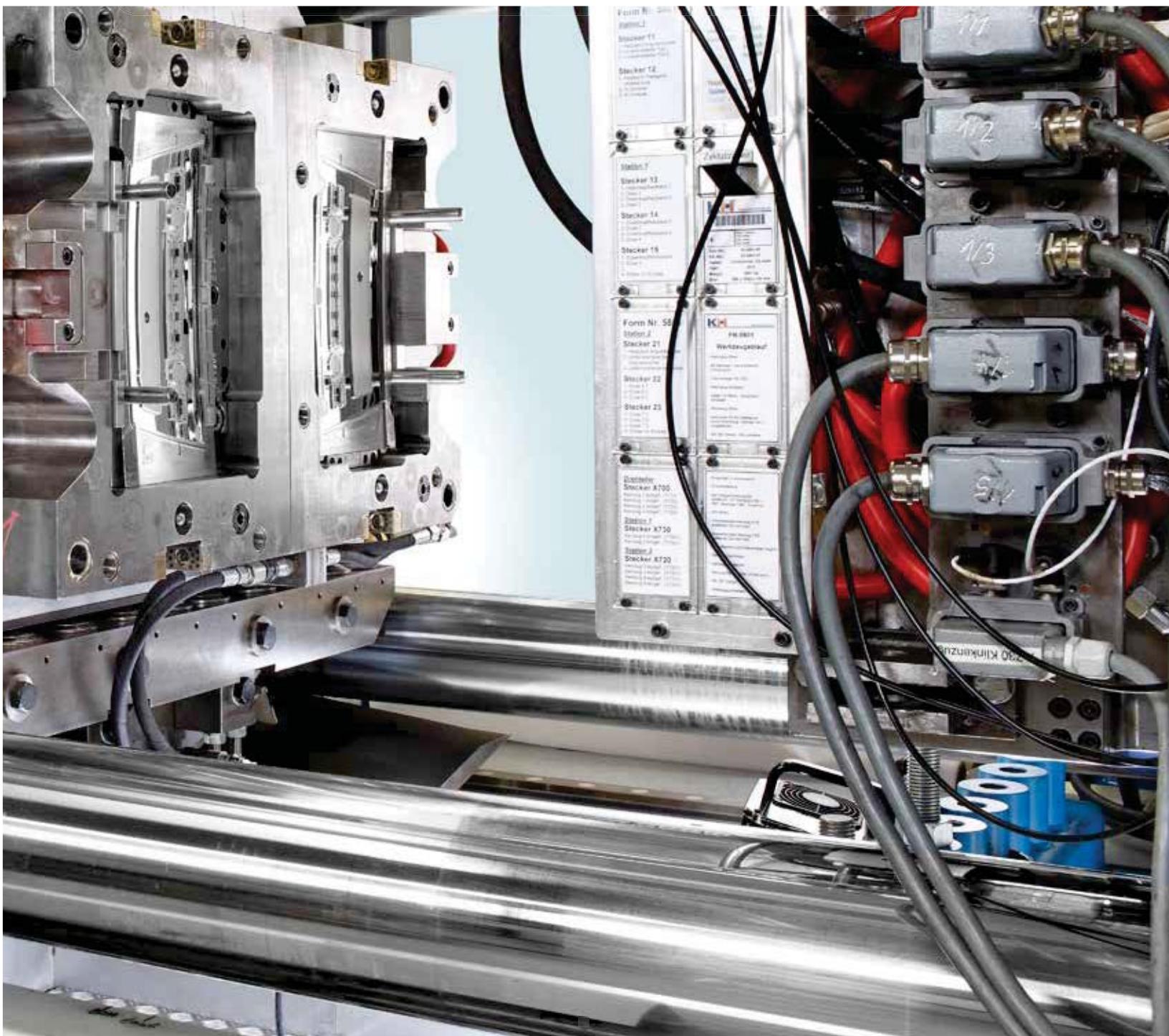
Catalog 4900

MAXIMUM HOSE PRESSURE RATING CHART (PSI)

By Hose Size

PSI see page 12

BAR see page 14



MAXIMUM HOSE PRESSURE RATING CHART (PSI)

BY HOSE SIZE

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	510C-2	2,500	2380N-025V10	10,875	B903	250	B904	250	575X-4	5,000
		518C-2 100R7	2,500	2240D-025V33-TC	17,400	510A-3	3,000	83FR-4	300	5CNG-4	5,000
		518D-2 100R7	3,000	2240D-025V36-TC	17,400	540N-3	3,000	04-NCB	725	HFS2R04	5,000
		540N-2	3,000	2248D-025V32-TC	21,750	HLB03	3,000	04-NCW	725	590TJ-4	5,076
		55LT-2	3,000	2440D-025V37-TC	26,100	PTH-3	3,000	04-SCB	1,500	955B-4	5,500
		HLB02	3,000	2640D-025V35	40,600	510C-3	3,250	04-SCW	1,500	2020N-02V30	5,800
		518C-2 ANSI	3,150	2740D-025V35	43,500	518C-3 100R7	3,250	1035HT-4	1,750	2245N-04V00	6,525
		518D-2 ANSI	3,150	2448D-025V35-TC	43,645	518C-3 ANSI	3,250	515H-4	2,000	527BA-4	7,000
		56DH-2	6,000			518D-3 100R7	3,250	510A-4	2,750	HTB04	7,000
		2020N-02V30	6,890			518D-3 ANSI	3,250	540N-4	2,750	2390N-04V10	7,107
		2240D-02V33-TC	15,950			55LT-3	3,250	540P-4	2,750	2390N-04V12	7,107
		2440D-02V37-TC	31,900			560TJ-3	3,626	04-STB	3,000	2390N-04V16	7,107
						520N-3	5,000	04-STW	3,000	2022N-04V15-10K	10,000
						528N-3	5,000	510C-4	3,000	2022N-04V91-10K	10,000
						575X-3	5,000	518C-4 100R7	3,000	2380N-04V91	10,000
						527BA-3	7,000	518D-4 100R7	3,000	2380N-04V66	10,150
						2240D-03V33-TC	15,955	53DM-4	3,000	2380N-04V00	10,150
						2240D-03V36-TC	15,955	55LT-4	3,000	2380N-04V02	10,150
						2248D-03V32-TC	20,300	919-4	3,000	2380N-04V04	10,150
						2440D-03V32-TC	26,100	919B-4	3,000	2380N-04V06	10,150
						2640D-03V37	36,230	919J-4-RED	3,000	2388N-04V14	11,600
						2740D-03V32/15	40,600	919U-4	3,000	2388N-04V13W	11,600
						2740D-03V35	40,600	929-4	3,000	2440M-04V38	12,500
						2749D-03V35	43,645	929B-4	3,000	2448M-04V38	15,000
						2840D-03V34	58,000	929BJ-4	3,000	2448N-04V91	15,000
						2840D-03V36/14	58,000	H604	3,000	2240D-04V33-TC	15,950
								R604	3,000	2240D-04V36-TC	15,950
								D6RX04	3,045	2380N-04V03W	15,950
								563TJ-4	3,045	2380N-04V06W	15,950
								518C-4 ANSI	3,150	2388N-04V14W	18,560
								518D-4 ANSI	3,150	2448P-04V60	20,000
								560TJ-4	3,263	2440N-04V32	20,300
								HFSR04	3,263	2440N-06V32	20,300
								594TJ-4	4,061	2440N-08V32	20,300
								520N-4	5,000	2440D-04V32-TC	23,780
								528N-4	5,000		

-20		-24		-32		-40		-48		-64	
PN	psi	PN	psi	PN	psi	PN	psi	PN	psi	PN	psi
919-20	625	24-SCB	650	939-32	250	40-SCBV	200	48-SCBV	175	64-SCBV	150
20-SCB	750	24-SCBV	650	939-32	250	40-SCWV	200	48-SCWV	175	64-SCWV	150
20-SCBV	750	24-SCW	650	32-SCB	450			2240N-48V80	5,000		
20-SCW	750	24-SCWV	650	32-SCBV	450			2440N-48V80	10,000		
20-SCWV	750	939-24	750	32-SCW	450			2640N-48V80	15,000		
939-20	1,000	939-24	750	32-SCWV	450						
939-20B	1,000	24-STB	900	2240N-32V10	3,000						
20Z-STB	1,000	24-STW	900	2248N-32V10	5,000						
20Z-STW	1,000	2640M-24V88	10,000	2448N-32V80	5,000						
		2640N-24V80-15K	15,000	2580M-32V88	10,000						
				2580N-32V80	10,000						
				2648N-32V80	15,000						

MAXIMUM HOSE PRESSURE RATING CHART (BAR)

BY HOSE SIZE

Parker.com/PFD

-1.5		-2		-025		-03		-04		-05	
PN	bar	PN	bar	PN	bar	PN	bar	PN	bar	PN	bar
56DH-1.5	414	510C-2	172	2380N-025V10	750	B903	17	B904	17	575X-4	345
		518C-2 100R7	172	2240D-025V33-TC	1,200	510A-3	207	83FR-4	21	5CNG-4	345
		518D-2 100R7	207	2240D-025V36-TC	1,200	540N-3	207	04-NCB	50	HFS2R04	345
		540N-2	207	2248D-025V32-TC	1,500	HLB03	207	04-NCW	50	590TJ-4	350
		55LT-2	207	2440D-025V37-TC	1,800	PTH-3	207	04-SCB	103	955B-4	379
		HLB02	207	2640D-025V35	2,799	510C-3	224	04-SCW	103	2020N-02V30	400
		518C-2 ANSI	217	2740D-025V35	2,999	518C-3 100R7	224	1035HT-4	121	2245N-04V00	450
		518D-2 ANSI	217	2448D-025V35-TC	3,009	518C-3 ANSI	224	515H-4	138	527BA-4	483
		56DH-2	414			518D-3 100R7	224	510A-4	190	HTB04	483
		2020N-02V30	475			518D-3 ANSI	224	540N-4	190	2390N-04V10	490
		2240D-02V33-TC	1,100			55LT-3	224	540P-4	190	2390N-04V12	490
		2440D-02V37-TC	2,200			560TJ-3	250	04-STB	207	2390N-04V16	490
						520N-3	345	04-STW	207	2022N-04V15-10K	690
						528N-3	345	510C-4	207	2022N-04V91-10K	690
						575X-3	345	518C-4 100R7	207	2380N-04V91	690
						527BA-3	483	518D-4 100R7	207	2380N-04V66	700
						2240D-03V33-TC	1,100	53DM-4	207	2380N-04V00	700
						2240D-03V36-TC	1,100	55LT-4	207	2380N-04V02	700
						2248D-03V32-TC	1,400	919-4	207	2380N-04V04	700
						2440D-03V32-TC	1,800	919B-4	207	2380N-04V06	700
						2640D-03V37	2,498	919J-4-RED	207	2388N-04V14	800
						2740D-03V32/15	2,799	919U-4	207	2388N-04V13W	800
						2740D-03V35	2,799	929-4	207	2440M-04V38	862
						2749D-03V35	3,009	929B-4	207	2448M-04V38	1,034
						2840D-03V34	3,999	929BJ-4	207	2448N-04V91	1,034
						2840D-03V36/14	3,999	D6RX04	207	2240D-04V33-TC	1,100
								H604	207	2240D-04V36-TC	1,100
								R604	207	2380N-04V03W	1,100
								563TJ-4	210	2380N-04V06W	1,100
								518C-4 ANSI	217	2388N-04V14W	1,280
								518D-4 ANSI	217	2448P-04V60	1,380
								560TJ-4	225	2440N-04V32	1,400
								HFSR04	225	2440N-06V32	1,400
								594TJ-4	280	2440N-08V32	1,400
								520N-4	345	2440D-04V32-TC	1,640
								528N-4	345		

-20		-24		-32		-40		-48		-64	
PN	bar	PN	bar	PN	bar	PN	bar	PN	bar	PN	bar
919-20	43	24-SCB	45	939-32	17	40-SCBV	14	48-SCBV	12	64-SCBV	10
20-SCB	52	24-SCBV	45	939-32	17	40-SCWV	14	48-SCWV	12	64-SCWV	10
20-SCBV	52	24-SCW	45	32-SCB	31			2240N-48V80	345		
20-SCW	52	24-SCWV	45	32-SCBV	31			2440N-48V80	690		
20-SCWV	52	939-24	52	32-SCW	31			2640N-48V80	1,034		
939-20	69	939-24	52	32-SCWV	31						
939-20B	69	24-STB	62	2240N-32V10	207						
20Z-STB	69	24-STW	62	2248N-32V10	345						
20Z-STW	69	2640M-24V88	690	2448N-32V80	345						
		2640N-24V80-15K	1,034	2580M-32V88	690						
				2580N-32V80	690						
				2648N-32V80	1,034						

MAXIMUM HOSE PRESSURE RATING CHART (BAR)

BY HOSE SIZE

Parker.com/PFD

-06		-08		-10		-12		-16	
PN	bar	PN	bar	PN	bar	PN	bar	PN	bar
B906	17	518C-6 ANSI	207	B908	17	580N-8	241	B910	17
83FR-6	21	518D-6 ANSI	207	08-NCB	19	588N-8	241	CNGRP-10	34
06-NCB	28	538DM-6	207	08-NCW	19	HFS2R08	241	939-10	69
06-NCW	28	53DM-6	207	83FR-8	21	590TJ-8	245	939B-10	69
MSH-6	69	D6RX06	207	939-8	93	594TJ-8	280	919-10	103
06-SCB	103	H606	207	939B-8	93	944B-8	310	919J-10-RED	103
06-SCW	103	R606	207	08-SCB	103	575XN-8	345	560TJ-10	138
515H-6	103	563TJ-6	210	08-SCBV	103	57CR-8-BLU	345	580N-10	190
939-6	103	520N-6	276	08-SCW	103	57CR-8-YEL	345	588N-10	190
939B-6	103	528N-6	276	08-SCWV	103	5CNG-8	345	HFS2R10	190
06-STB	138	HFS2R06	276	08-STB	121	HCRV-8	345	53DM-10	207
06-STW	138	590TJ-6	280	08-STW	121	HTBR08	345	H610	207
510C-6	155	594TJ-6	280	540N-8	138	2245N-08V30	350	R610	207
518C-6 100R7	155	944B-6	310	540P-8	138	955B-8	379	D6R10	210
518D-6 100R7	155	575X-6	345	55LT-8	138	2390N-08V12	415	563TJ-10	210
540N-6	155	5CNG-6	345	919-8	138	2390N-08V13	415	944B-10	276
540P-6	155	955B-6	379	919B-8	138	2390N-08V16	415	HTBR10	276
55LT-6	155	HTBR06	379	919J-8-RED	138	2380N-08V91	517	594TJ-10	280
919-6	172	2390N-06V13	445	919U-8	138	2022N-08V91-10K	690	955B-10	379
919B-6	172	2022N-06V91-10K	690	929-8	138	2440M-08V38	690	518C-12 100R7	86
919J-6-RED	172	2440M-06V38	1,035	929B-8	138	2440N-08V91	810	518D-12 100R7	86
919U-6	172	2440N-06V91	875	929BJ-8	138	2448N-08V91	875	540N-12	86
929-6	172	2448M-06V38	690	510C-8	155	2380N-08V16W	880	HFSR12	105
929B-6	172	2440N-06V32	1,400	518C-8 100R7	155	2640M-08V38	1,034	518C-12 ANSI	114
929BJ-6	172	2440D-05V32-TC	1,500	518D-8 100R7	155	2388N-08V12	1,100	518D-12 ANSI	114
HFSR06	180			560TJ-8	172	2388N-08V12W	1,100	580N-12	155
560TJ-6	190			HFSR08	172	2388N-08V13	1,100	588N-12	155
				518C-8 ANSI	207	2388N-08V13W	1,100	HFS2R12	155
				518D-8 ANSI	207	2388N-08V14	1,100	590TJ-12	172
				53DM-8	207	2448P-08V60	1,380	53DM-12	207
				D6RX08	207	2440N-08V30/12	1,400	H612	210
				H608	207	2440N-08V32	1,400	R612	210
				R608	207	2580N-08V12	1,600	D6R12	210
				563TJ-8	210	2640N-08V32	1,800	563TJ-12	210
				520N-8	241	2840D-08V37	2,499	944B-12	276
				528N-8	241	2848D-08V35	2,999	HTBR12	276
								594TJ-12	280
								5CNG-16	345
								2245N-12V30	300
								575X-12	345
								955B-16	379
								5CNG-12	379
								2380N-16V12	380
								955B-12	379
								2380N-16V13	380
								2020N-012R30	475
								2380N-16V16	380
								2440N-12V91	690
								2440N-16V91	560
								2640N-12V91	862
								2440N-16V36	900
								2440N-12V36	1000
								2580N-12V13	1200
								2580N-12V13	1400
								2648N-12V32	1500
								2648N-12V32	1600

-20 to -64 pg. 14

Pressure Rating Chart (psi)
See page 12