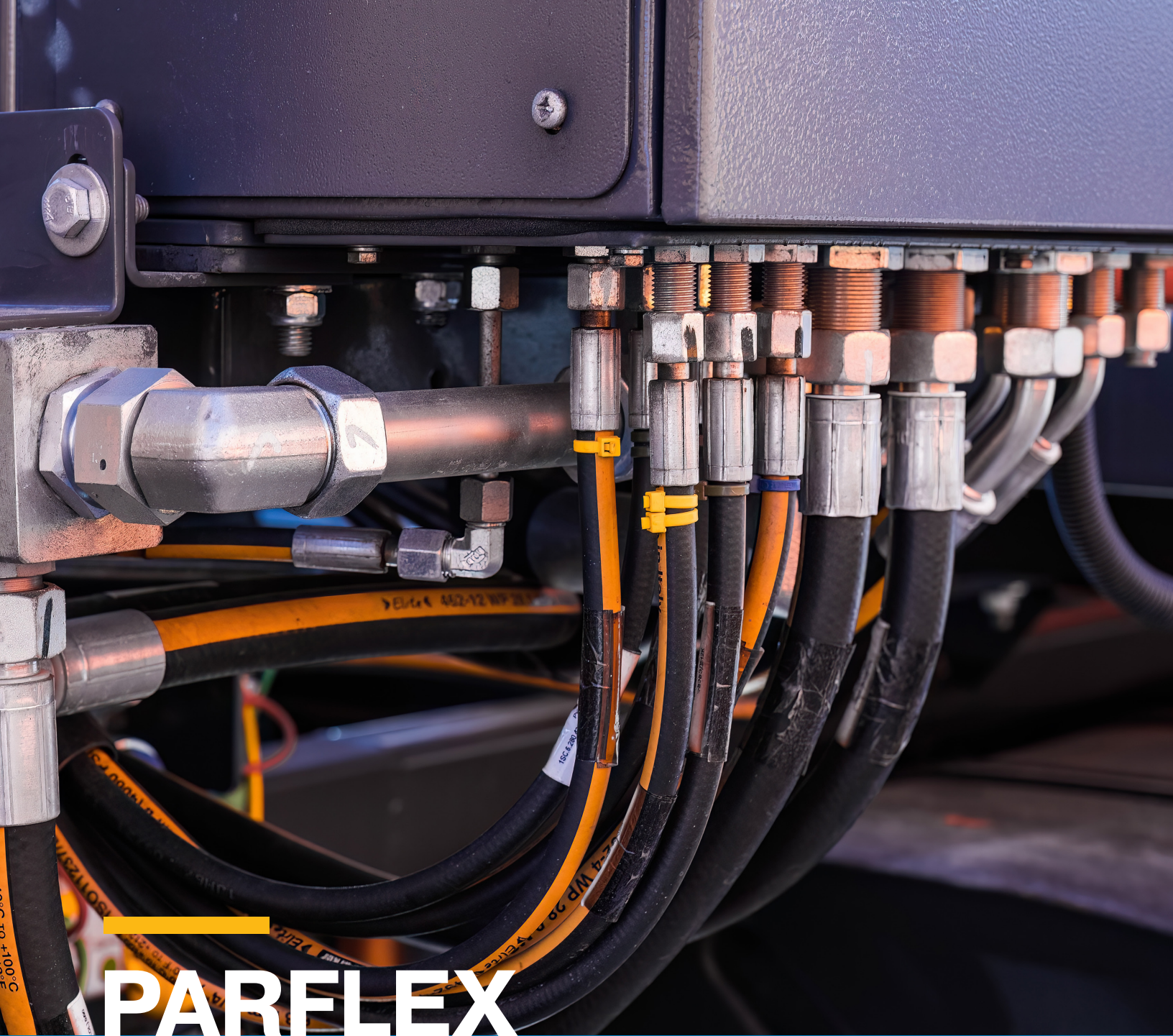




PARFLEX

Globalmente conocido por la innovación, el liderazgo y la solución de problemas



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PARFLEX

Nuestra reputación como solucionadores de problemas en aplicaciones de mangueras externas puede traducirse en nuestra capacidad para asociarnos con nuestros clientes y convertirnos en una extensión de su departamento de ingeniería en lugar de simplemente un proveedor más.

Diseñar “mangueras para resolver problemas” es lo que mejor hacemos y por eso es difícil igualar el valor de ahorro de costos de una manguera parflex.



Las mangueras termoplásticas y de fluropolímero de Parker marcan la pauta en cuanto a limpieza, resistencia a la abrasión, presión, reducción de ruido y longitudes continuas.

Estas características, junto con la capacidad de unir y formar mangueras termoplásticas, mejoran la vida útil de la manguera y ayudan a las empresas a reducir los costos por inactividad inesperados.

Mercados



Manejo de Fluidos



Instrumentación



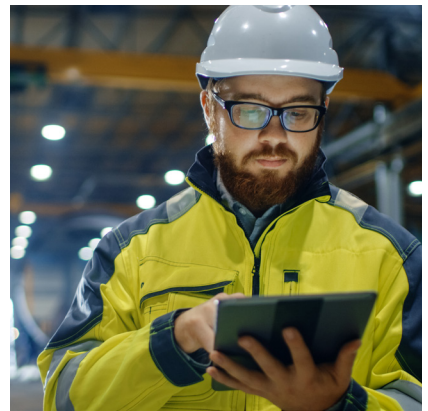
Manejo de Materiales



Transporte



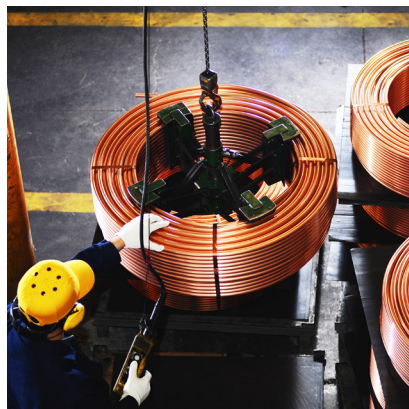
Oil & Gas



Especialidad



Equipo Móvil



Embalaje

Y más...

Los productos parflex se utilizan a menudo para solucionar problemas cuando existen condiciones extremas

TABLA DE RANGO

Máximo de Operación - Manguera

Under 1,000 psi
(6.9 MPa)



	B9	83FR	8LPG	CNGRP	NCW/NCB
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)
-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)	-	-
-08	250 (1.7)	300 (2.1)	435 (3.0)	-	400 (2.8)
-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

Under
1,000 psi
(6.9 MPa)

MSH
-
-40°F (-40°C) +200°F (93°C)
-
-
-
-
-
1,000 (6.9)
1,000 (6.9)
-
-
-
-
-
-
-

Catalog 4660

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



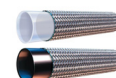
	MSXL	1035HT	S6	540P	939/939B	SCW/SCB	SCWV/SCBV
Ind, Std	-	-	-	100R7; FDA-core	FDA-natural only	USP; FDA-natural only	USP; FDA-natural only
Temp Range	-40°F (-40°C) +185°F (85°C)	-40°F (-40°C) +230°F (110°C)	-40°F (-40°C) +150°F (66°C)	-40°F (-40°C) +150°F (232°C)	-100°F (-73°C) +450°F (232°C)	-100°F (-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	-	-	-	-	-	-	-

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



	D6R	53DM/N38DM-6	S9	PTH	HLBD/HLB
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 (57°C)	-40°F (-40°C) +212°F (57°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	-	-	-	-	-

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



	563TJ	563LT	518D		510D	55LT	STW/STB
Ind, Std	100R17; MSHA	100 R17	100R7	ANSI	DNV-GL; MSH; 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 (22.4)	-	3,000 (20.7)	-
-025	-	-	-	-	-	-	-
-03	-	-	3,250 (22.4)	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)	3,000 (20.7)
-05	-	-	2,500 (17.2)	3,150 (21.7)	2,500 (17.2)	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)	2,250 (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)	2,00 (13.8)	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)	1,250 (8.7)	-	1,000 (6.9)
-16	3,045 (21.0)	-	1,000 (6.9)	1,330 (9.2)	1,000 (6.9)	-	1,000 (6.9)
-20	-	-	-	-	-	-	1,000 (6.9)
-24	-	-	-	-	-	-	900 (6.2)
-32	-	-	-	-	-	-	-
-40	-	-	-	-	-	-	-
-48	-	-	-	-	-	-	-

*varies by fluid

*varies by fluid

*varies by fluid

Catalog 4660

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



	919B	919J	919BJ	919U	929	929B	929BJ
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 (2.7)	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	-	-	-	-	-	-	-

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



	919	560TJ	580N/588N
Ind, Std	100R14A; FDA	100R1AT; MSHA	100R8; MSHA; DNV-GL
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)
-1.5	-	-	-
-02	-	-	-
-025	-	-	-
-03	-	3,626 (25.0)	-
-04	3,000 (20.7)	3,263 (22.5)	-
-05	3,000 (20.7)	3,118 (21.5)	-
-06	2,500 (17.2)	2,750 (19.0)	-
-08	2,000 (13.8)	2,500 (17.2)	3,500 (24.1)
-10	1,500 (10.3)	2,000 (13.8)	2,750 (19.0)
-12	1,200 (8.3)	1,750 (12.1)	2,250 (15.5)
-16	1,000 (6.9)	-	2,000 (13.8)
-20	625 (4.3)	-	-
-24	-	-	-
-32	-	-	-
-40	-	-	-
-48	-	-	-

*varies by fluid

*varies by fluid

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



	S5N	594TJ	944B*
Ind, Std	-	100R19; MSHA	-
Temp Range	-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	-	-	-
-04	-	4,061 (28.0)	-
-05	-	-	-
-06	4,000 (28.0)	4,061 (28.0)	4,500 (31.0)
-08	-	4,061 (28.0)	4,500 (31.0)
-10	-	4,061 (28.0)	4,000 (27.6)
-12	-	4,061 (28.0)	4,000 (27.6)
-16	-	-	4,000 (27.6)
-20	-	-	-
-24	-	-	-
-32	-	-	-
-40	-	-	-
-48	-	-	-

*varies by fluid

*Pressure reduced for impulse application

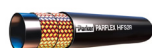
5,000 - 6,999 psi
(345 - 482 MPa)



	575X/575XN	5CNG	HCRV O&G	2340N O&G	2448N O&G /B k Eagle	955B*
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	-	-	-	-	-	-

*Pressure reduced for impulse application

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



	HFS2R	520N	528N	590TJ	56GH	2020N HYD	2240N O&G/B/K Eagle
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)

*varies by fluid

*varies by fluid

5,000 - 6,999 psi
(34.5 - 48.2 MPa)

7,000 - 9,999 psi
(483 - 689 bar)

10,000 - 14,999 psi
(690 - 1034 bar)



	2245N	527BA	HTBR	2390N HYD/O&G	2580N O&G/B/K Eagle	2022n HYD/O&G
Ind, Std	100R2AT; ISO 1436	CGA; NFPA	MSHA	ISO 13628-5	DNV	SAE J517/J343; ISO 13628-5
Temp Range	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +180°F (82°C)	-40°F (-40°C) +212°F (100°C)*	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +158°F (70°C)	-40°F (-40°C) +176°F (80°C)
-1.5	-	-	-	-	-	-
-02	-	-	-	-	-	-
-025	6,525 (45.0)	-	-	7,500 (517)	-	10,000 (690)
-03	-	7,000 (483)	-	-	-	-
-04	5,440 (37.5)	7,000 (483)	7,000 (483)	7,107 (490) ¹	-	10,000 (690) ¹
-05	5,075 (35.0)	-	-	-	-	10,000 (690) ¹
-06	4,787 (33.0)	-	5,500 (379)	-	-	-
-08	4,350 (30.0)	-	5,000 (345)	6,450 (445) ¹	-	-
-10	-	-	4,000 (276)	6,017 (415) ¹	-	-
-12	-	-	4,000 (276)	-	-	-
-16	-	-	3,500 (241)	-	-	-
-20	-	-	-	4,060 (280)	-	-
-24	-	-	-	-	-	-
-32	-	-	-	-	10,000 (690)	-
-40	-	-	-	-	-	-
-48	-	-	-	-	-	-

*varies by fluid

10,000 - 14,999 psi
(690 - 1034 bar)



	2440N O&G/B/K Eagle	2640n O&G/B/K Eagle	2380N - V91 O&G	2380N HYD/O&G	2380N-...V66 WB	2448N O&G/B/K Eagle
Ind, Std	ISO 13628-5; 'DNV	DNV	ISO 13+28-5/API 17 En	'ISO 13628-5/API 17 En	DIN EN1829-2	ISO 13628-5; 'DNV
Temp Range	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +158°F (70°C)	-40°F (-40°C) +212°F (100°C)	-40°F (-40°C) +212°F (100°C)	-14°F (-10°C) +158°F (70°C)	-40°F (-40°C) +212°F (100°C)
-1.5	-	-	-	-	-	-
-02	-	-	-	-	-	-
-025	-	-	-	10,875 (750)	-	-
-03	-	-	-	-	-	-
-04	-	-	10,100 (690)	10,150 (700)	13,200 (910)	15,000 (1,035)
-05	-	-	-	9,060 (625)	-	-
-06	-	-	-	-	-	-
-08	11,745 (810)	-	-	-	-	-
-10	-	-	-	-	-	-
-12	10,000 (690)	-	-	-	-	-
-16	8,120 (560)	-	-	5,510 (380) ¹	-	-
-20	-	-	-	3,990 (275)	-	-
-24	-	15,000 (1,035)	-	-	-	-
-32	-	-	-	-	-	5,000 (345) ¹
-40	10,000 (690) ¹	-	-	-	-	-
-48	-	15,000 (1,035)	-	-	-	-

2380N also on next pg. 2380N also on next pg.

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



	2240D WB	2245D WB	2640N-...15K HYD O&G/B/K Eagle	2648N O&G/B/K Eagle	2380N-...W WB	2388N-...W WB/HYD
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)	-	-	-

2380N also on next pg.

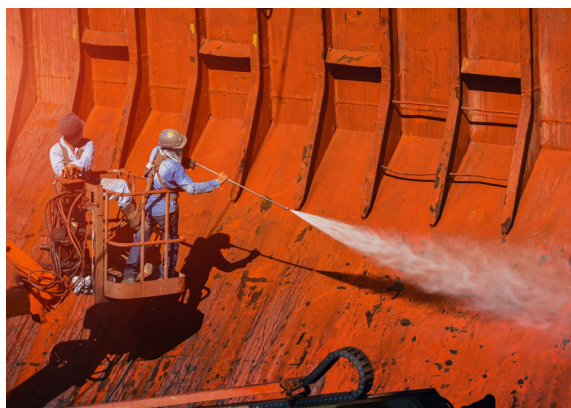
20,000 - 39,999 psi
(1,379 - 2,500 bar)



	2248D WB	2440D WB	2440N WB	2640D WB	2640N WB	2648N WB
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	-	-	-	-	-	-

TABLA DE RANGO

Máximo de Operación - Manguera



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	-

40,000 psi and up
(2,758 bar)



	2448D WD	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	-	-	-	-

Manguera Metálica

Metal Hose
Pressures (psi)

	9A			9M			9P		
Style	Stand-General Purpose			Extra Flexible			High Pressure		
	No Braid	1 Braid	2 Braids	No Braid	1 Braid	2 Braids	No Braid	1 Braid	2 Braids
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	-	-	-

Por tamaño de manguera (PSI)

-1.5		-2		-025		-03		-04				-05	
PN	psi	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-4RED	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
						2740D-03V34/15	40,600	919U-4	3,000	2380N-04V02	10,150	2440D-05V32-TC	21,750
						2840D-03V34	58,000	929-4	3,000	2380N-04V03	10,150	PFX25-05-TJ	36,230
						2840D-03V36/14	58,000	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	
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						

-06				-08				-10		-12		-16			
PN	psi	PN	psi	PN	psi	PN	psi	PN	psi	PN	psi	PN	psi		
8906	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			CNFRP-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	1,000		
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			919BK-12-ORG	1,200	16-STB	1,000		
5409-6	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		
919-6	2,500	5CNG-6	5,000	919BJ-8-ORG	2,000	955B-8	5,000			929BJ-12	1,200	518D-16 ANSI	1,000		
919B-6	2,500	2245N-06	5,440	919U-8	2,000	2245N-08	5,000	944B-10	4,000	510D-12	1,250				
919J-6-RED	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		
919BJ-6-ORG	2,500	HTBR06	5,500	929B-8	2,000	2390N-08V13	6,017	594TJ-10	4,061			580N-16	2,000		
919U-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		
929-6	2,500	2022N-06V91-10K	10,000	510D-8	2,250	2022N-08V91-10K	10,000	955B-10	5,500	560TJ-12	1,750				
929B-6	2,500	2440N-06V32	20,300	518D-8 100R7	2,250	2440N-08V91	11,745			580N-12	2,250	590TJ-16	2,030		
929BJ-6	2,500			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		
						518D-8 ANSI	3,000	2440N-08V30/12	20,300			590TJ-12	2,500	563TJ-16	3,045
560TJ-6	2,750					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				
										2440N-12V32	20,300				
										2640N-12V32/12	20,300				
										2648N-12V32	23,200				

Por tamaño de manguera MPA / bar

-1.5		-2		-025		-03		-04				-05	
PN	psi	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-25V37-TC	2199*	510D	22,4			528-4	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	34,0	1035HT-4	12,1	955B-4	37,9	D6R05	21,0
						528N-3	34,0	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	700*	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	
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*						

-06				-08				-10		-12		-16	
PN	psi	PN	psi	PN	psi	PN	psi	PN	psi	PN	psi	PN	psi
8906	1,7	929B-6	17,2	B908	1,7			B910	1,7	12-NCW	1,4	16-NCB	1,4
83FR-5	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	83FR-12	2,1		
		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	919J-16-RED	6,9
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	919BJ-16-ORG	6,9
MSH-6	6,9			939B-8	9,3	580N-8	24,1	560TJ-10	13,8	12-STW	6,9	919U-16	6,9
06-SCB	10,3			08-SCB	10,3	588N-8	24,1	580N-10	19,0	939-12	7,6	929B-16	8,6
06-SCW	10,3	D6R06	21,0	08-SCBV	10,3	HFS2R08	24,5	588N-10	19,0	939B-12	7,6	929BJ-16	8,6
939-6	10,3	563TJ-6	21,0	08-SCW	10,3	590TJ-8	24,5	510D-10	15,5	12-SCB	8,3	939-16	6,9
939B-6	10,3	563LT-6	21,0	08-SCWV	10,3	S508N	27,6	518D-10 100R7	15,5	12-SCBV	8,3	939B-16	6,9
06-STB	13,8	520N-6	27,6	08-STB	12,1	594TJ-8	28,0			12-SCWV	8,3	16-SCB	6,9
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	16-SCBV	6,9
510D	15,5	HFS2R06	28,0	540P-8	13,8	575XN-8	34,5	53DM-10	21,0	919-12	8,3	16-SCW	6,4
518D-6 100R7	15,5	590TJ-6	28,0	55LT-8	13,8	5CNG-8	34,5			919J-12-RED	8,3	16-SCWV	6,9
55LT-6	15,5	594TJ-6	28,0	919-8	13,8	HCRV-8 Blue	34,5			919BJ-12-ORG	8,3	16-STB	6,9
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	16-STW	6,9
919-6	17,2	575X-6	34,5	919J-8-RED	13,8	HTBR08	34,5	563TJ-10	21,0	929B-12	8,3	510D	6,9
919B-6	17,2	5CNG-6	34,5	919BJ-8-ORG	13,8	955B-8	34,5			929BJ-12	8,3	518D-16 ANSI	6,9
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*	HTBR19	27,6	518D-12 100R7	8,6	518D-18 100R7	9,2
919U-6	17,2	HTBR06	37,9	929B-8	13,8	2390N-08V13	415*	594TJ-10	28,0			580N-16	13,8
929-6	17,2	2390N-06V13	445*	929BJ-8	13,8	2390N-08V16	415*	2245N-10	33,0	518D-12 ANSI	11,4	588N-16	13,8
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	590TJ-16	14,0
				560TJ-8	17,2	2388N-08V13	1100*			588N-12	15,5	S616	17,2
560TJ-6	19,0					2440N-08V32	1400*			S612	17,2	S916	20,7
				518D-8 ANSI	20,7	2440N-08V30/12	1400*			590TJ-12	17,2	563TJ-16	21,0
				53DM-8	21,0	2640N-08V32	1800*			S912	20,7		
										53DM-12	21,0	HTBR16	24,1
												944B-16	27,6
										563LT-12	21,0	2390N-16V13	28,0
										563TJ-12	21,0	HCRV-16-BLU	34,5
										944B-12	27,6	HCRV-16-YEL	34,5
										HTBR12	27,6	575X-16	34,5
										594TJ-12	28,0	5CNG-16	34,5
										2245N	30,0	955B-16	37,9
										575X-12	34,5	2380N-16V12	380*
										5CNG-12	34,5	2380N-16V13	380*
										955B-12	37,9	2380N-16V16	380*
										2020N-012R30	475*	2440N-16V91	560*
										2440N-12V91	689*	2440N-16V36	900*
										2440N-12V36	1000*	2648N-16V32	1500*
										2640N-12V32	1400*		
										2640N-12V32/12	1400*		
										2648N-12V32	1600*		

Las mangueras son usadas en diversas industrias. En esta página, los valores mostrados (MPa o bar) son determinados por la industria donde la manguera tiene mayor uso. Los valores en Bar son expresados con “*”.

El factor de conversión de bar a MPa es de: 1MPa = 1,000,000 pascales (Pa) 1 bar = 100,000 pascales (Pa), entonces, si quieres determinar el valor en MPa de 1520 bar, debes mover el decimal de lugar a la izquierda.
1520 bar = 152 MPa

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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