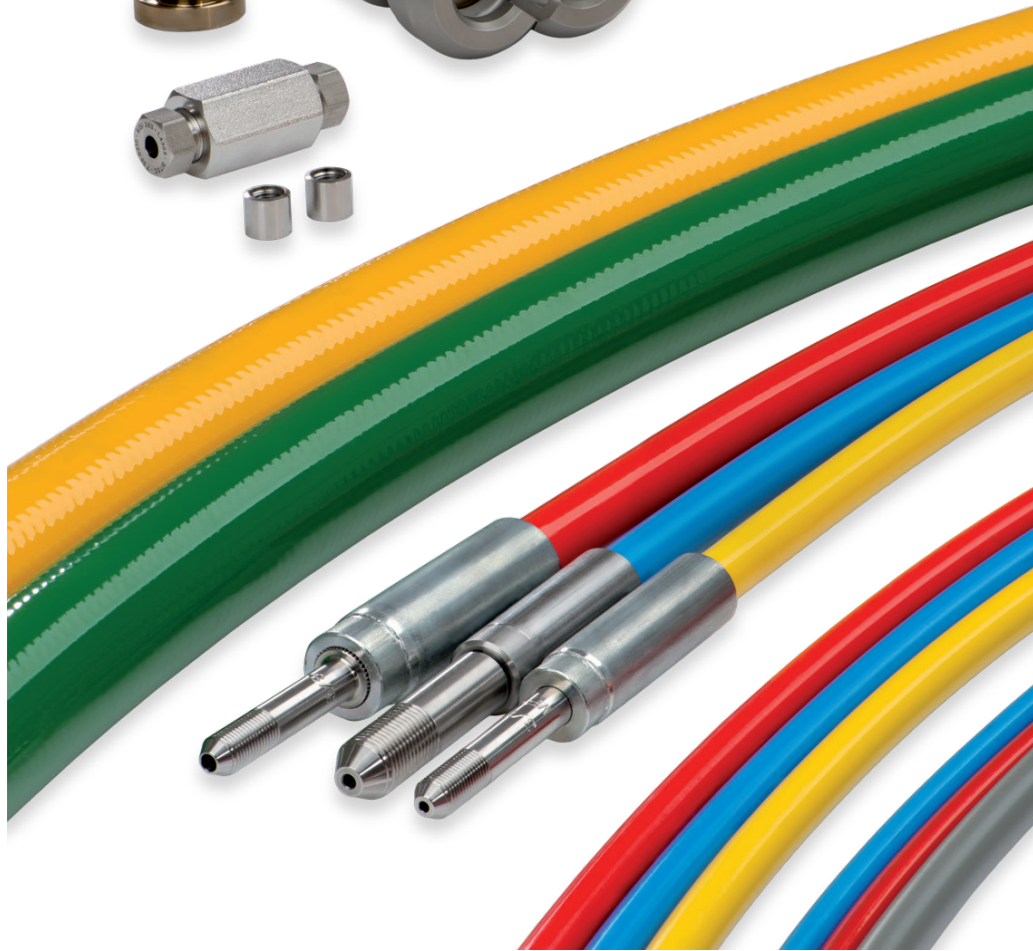




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Thermoplastic Hoses for Ultra High Pressure

Product Overview 4462



ENGINEERING YOUR SUCCESS.

Part number	Size		Max. working pressure		Min. burst pressure		Min. bend radius		Weight		Nipple ID		Ferrule OD		DF
#															

DN8 cont.	size	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	mm	inch	mm	inch	
2740D-05V34	-05	7.8	5/16	17.2	0.677	250.0	36,250	625.0	90,625	200	7.87	0.83	0.56	3.70	0.15	22.80	0.90	2.5
2741D-05V34/10	-05	7.7	5/16	21.2	0.835	250.0	36,250	625.0	90,625	200	7.87	0.95	0.64	3.70	0.15	22.80	0.90	2.5
2748D-05V34	-05	7.8	5/16	17.3	0.681	280.0	40,600	700.0	101,500	230	9.06	0.83	0.56	3.70	0.15	22.80	0.90	2.5
2748D-05V34/16	-05	7.8	5/16	21.8	0.858	280.0	40,600	700.0	101,500	230	9.06	0.99	0.67	3.70	0.15	22.80	0.90	2.5
2749D-05V34	-05	7.8	5/16	17.3	0.681	301.0	43,645	700.0	101,500	230	9.06	0.83	0.56	3.70	0.15	22.80	0.90	2.3
2840D-05V36	-05	7.8	5/16	19.5	0.768	300.0	43,500	700.0	101,500	250	9.84	1.10	0.74	3.70	0.15	24.00	0.94	2.3
2841D-05V36/17	-05	7.7	5/16	23.5	0.925	300.0	43,500	700.0	101,500	250	9.84	1.38	0.93	3.70	0.15	24.00	0.94	2.3
2848D-05V34	-05	7.8	5/16	19.6	0.772	320.0	46,400	800.0	116,000	280	11.02	1.10	0.74	3.60	0.14	24.00	0.94	2.5
2849D-05V34	-05	7.8	5/16	19.6	0.772	380.0	55,000	800.0	116,000	280	11.02	1.10	0.74	3.60	0.14	24.00	0.94	2.1

DN10	size	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	mm	inch	mm	inch	
2022N-06V15-10K	-06	9.7	3/8	19.0	0.748	69.0	10,000	276.0	40,000	100	3.94	0.24	0.16	5.30	0.21	23.20	0.91	4.0
2244N-06V00	-06	9.8	3/8	18.0	0.709	53.5	7,755	215.0	31,175	120	4.72	0.50	0.34	6.80	0.27	23.80	0.94	4.0
2244N-06V10W	-06	9.7	3/8	18.0	0.709	86.0	12,470	215.0	31,175	120	4.72	0.50	0.34	7.00	0.28	23.50	0.93	2.5
2380N-06V10	-06	9.8	3/8	17.9	0.705	57.5	8,337	230.0	33,350	120	4.72	0.44	0.30	6.70	0.26	23.40	0.92	4.0
2380N-06V50-HT	-06	9.7	3/8	17.9	0.705	70.0	10,150	175.0	25,375	120	4.72	0.44	0.30	6.70	0.26	23.4	0.92	2.5
2440N-06V30	-06	9.7	3/8	19.4	0.764	140.0	20,300	350.0	50,750	190	7.48	0.73	0.49	5.50	0.22	26.90	1.06	2.5
2440N-06V60-HT	-06	9.7	3/8	19.4	0.764	125.0	18,125	312.0	45,313	190	7.48	0.73	0.49	5.50	0.22	26.90	1.06	2.5
2580N-06V10-MSHA	-06	9.8	3/8	21.6	0.850	70.0	10,150	280.0	40,600	95	3.74	0.94	0.63	5.50	0.22	28.50	1.12	4.0
2580N-06V12	-06	9.8	3/8	21.6	0.850	160.0	23,200	400.0	58,000	95	3.74	0.94	0.63	5.50	0.22	28.50	1.12	2.5

DN12	size	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	mm	inch	mm	inch	
2022N-08V15-10K	-08	12.9	1/2	23.0	0.906	69.0	10,000	276.0	40,000	100	3.94	0.34	0.23	6.50	0.26	30.50	1.20	4.0
2244N-08V10	-08	12.9	1/2	22.7	0.894	55.0	7,975	220.0	31,900	150	5.91	0.80	0.54	8.80	0.35	29.50	1.16	4.0
2244N-08V10W	-08	12.8	1/2	22.7	0.894	88.0	12,760	220.0	31,900	150	5.91	0.80	0.54	9.30	0.37	29.00	1.14	2.5
2380N-08V10	-08	12.9	1/2	22.9	0.902	55.0	7,975	220.0	31,900	150	5.91	0.68	0.46	6.60	0.26	30.00	1.18	4.0
2388N-08V12W	-08	13.0	1/2	23.0	0.906	110.0	15,950	275.0	39,875	100	3.94	0.80	0.54	7.50	0.30	28.50	1.12	2.5
2440N-08V30	-08	12.8	1/2	22.5	0.886	140.0	20,300	350.0	50,750	200	7.87	0.94	0.63	6.70	0.26	30.70	1.21	2.5
2580N-08V10-MSHA	-08	12.9	1/2	25.0	0.984	70.0	10,150	280.0	40,600	110	4.33	1.19	0.80	6.70	0.26	30.00	1.18	4.0
2580N-08V12	-08	12.9	1/2	25.0	0.984	140.0	20,300	350.0	50,750	110	4.33	1.19	0.80	7.50	0.30	30.50	1.20	2.5
2580N-08V52-HT	-08	12.9	1/2	25.0	0.984	110.0	15,950	275.0	39,875	150	5.91	1.19	0.80	6.70	0.26	30.50	1.20	2.5
2640N-08V32	-08	12.8	1/2	24.5	0.965	180.0	26,100	450.0	65,250	290	11.42	1.36	0.91	6.80	0.27	34.00	1.34	2.5
2740D-08V30	-08	12.7	1/2	27.0	1.063	200.0	29,000	500.0	72,500	300	11.81	1.85	1.24	7.50	0.30	31.80	1.25	2.5
2748D-08V30	-08	13.0	1/2	27.1	1.067	250.0	36,250	625.0	90,625	300	11.81	1.85	1.24	7.50	0.30	31.90	1.26	2.5
2840D-08V30	-08	12.7	1/2	29.8	1.173	250.0	36,250	625.0	90,625	350	13.78	2.50	1.68	7.60	0.30	34.20	1.35	2.5
2848D-08V30	-08	13.0	1/2	29.9	1.177	300.0	43,500	625.0	90,625	350	13.78	2.50	1.68	7.50	0.30	33.80	1.33	2.1

DN20	size	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	mm	inch	mm	inch	
2440N-12V30	-12	19.6	3/4	30.0	1.181	100.0	14,500	250.0	36,250	250	9.84	1.39	0.93	12.70	0.50	38.50	1.52	2.5
2580N-12V12	-12	19.8	3/4	32.6	1.283	120.0	17,400	300.0	43,500	170	6.69	1.76	1.18	12.50	0.49	39.80	1.57	2.5
2640N-12V32	-12	19.6	3/4	33.0	1.299	140.0	20,300	350.0	50,750	350	13.78	2.10	1.41	12.40	0.49	40.60	1.60	2.5
2640N-12V62-HT	-12	19.8	3/4	33.0	1.299	110.0	15,950	275.0	39,875	350	13.78	2.16	1.45	12.40	0.49	40.60	1.60	2.5
2648N-12V32	-12	19.8	3/4	33.7	1.327	160.0	23,200	400.0	58,000	300	13.78	2.28	1.53	12.50	0.49	41.10	1.62	2.5

DN25	size	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	mm	inch	mm	inch	
2440N-16V30	-16	25.0	1	37.0	1.457	90.0	13,050	225.0	32,625	300	11.81	2.00	1.34	17.20	0.68	45.30	1.78	2.5
2640N-16V32	-16	25.0	1	40.0	1.575	120.0	17,400	300.0	43,500	400	15.75	2.90	1.95	17.30	0.68	49.00	1.93	2.5
2648N-16V32	-16	25.0	1	40.8	1.606	150.0	21,750	375.0	54,375	400	15.75	3.10	2.08	16.50	0.65	49.00	1.93	2.5

DN32	size	mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	mm	inch	mm	inch	
2380N-20V30	-20	31.8	1 1/4	44.0	1.732	27.5	3,990	110.0	15,950	400	15.75	1.83	1.23	24.90	0.98	49.40	1.94	4.0

General remark on column **DF** (Design Factor) in the tables:
 Ultra high pressure hoses are normally used with a design factor of 2.5:1 according to ISO 7751.
 For hydraulic hoses, a design factor of 4:1 applies.

Parker Worldwide

Europe, Middle East, Africa

AE – United Arab Emirates,
Dubai

Tel: +971 4 8127100
parker.me@parker.com

AT – Austria, Wiener Neustadt
Tel: +43 (0)2622 23501-0
parker.austria@parker.com

AT – Eastern Europe, Wiener
Neustadt
Tel: +43 (0)2622 23501 900
parker.easteurope@parker.com

AZ – Azerbaijan, Baku
Tel: +994 50 2233 458
parker.azerbaijan@parker.com

BE/LU – Belgium, Nivelles
Tel: +32 (0)67 280 900
parker.belgium@parker.com

BG – Bulgaria, Sofia
Tel: +359 2 980 1344
parker.bulgaria@parker.com

BY – Belarus, Minsk
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

CH – Switzerland, Etoy
Tel: +41 (0)21 821 87 00
parker.switzerland@parker.com

CZ – Czech Republic, Klecany
Tel: +420 284 083 111
parker.czechrepublic@parker.com

DE – Germany, Kaarst
Tel: +49 (0)2131 4016 0
parker.germany@parker.com

DK – Denmark, Ballerup
Tel: +45 43 56 04 00
parker.denmark@parker.com

ES – Spain, Madrid
Tel: +34 902 330 001
parker.spain@parker.com

FI – Finland, Vantaa
Tel: +358 (0)20 753 2500
parker.finland@parker.com

FR – France, Contamine s/Arve
Tel: +33 (0)4 50 25 80 25
parker.france@parker.com

GR – Greece, Athens
Tel: +30 210 933 6450
parker.greece@parker.com

HU – Hungary, Budaörs
Tel: +36 23 885 470
parker.hungary@parker.com

IE – Ireland, Dublin
Tel: +353 (0)1 466 6370
parker.ireland@parker.com

IL – Israel
Tel: +39 02 45 19 21
parker.israel@parker.com

IT – Italy, Corsico (MI)
Tel: +39 02 45 19 21
parker.italy@parker.com

KZ – Kazakhstan, Almaty
Tel: +7 7273 561 000
parker.easteurope@parker.com

NL – The Netherlands, Oldenzaal
Tel: +31 (0)541 585 000
parker.nl@parker.com

NO – Norway, Asker
Tel: +47 66 75 34 00
parker.norway@parker.com

PL – Poland, Warsaw
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

PT – Portugal
Tel: +351 22 999 7360
parker.portugal@parker.com

RO – Romania, Bucharest
Tel: +40 21 252 1382
parker.romania@parker.com

RU – Russia, Moscow
Tel: +7 495 645-2156
parker.russia@parker.com

SE – Sweden, Spånga
Tel: +46 (0)8 59 79 50 00
parker.sweden@parker.com

SK – Slovakia, Banská Bystrica
Tel: +421 484 162 252
parker.slovakia@parker.com

SL – Slovenia, Novo Mesto
Tel: +386 7 337 6650
parker.slovenia@parker.com

TR – Turkey, Istanbul
Tel: +90 216 4997081
parker.turkey@parker.com

UA – Ukraine, Kiev
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

UK – United Kingdom, Warwick
Tel: +44 (0)1926 317 878
parker.uk@parker.com

ZA – South Africa, Kempton Park
Tel: +27 (0)11 961 0700
parker.southafrica@parker.com

North America

CA – Canada, Milton, Ontario
Tel: +1 905 693 3000

US – USA, Cleveland
Tel: +1 216 896 3000

Asia Pacific

AU – Australia, Castle Hill
Tel: +61 (0)2-9634 7777

CN – China, Shanghai
Tel: +86 21 2899 5000

HK – Hong Kong
Tel: +852 2428 8008

IN – India, Mumbai
Tel: +91 22 6513 7081-85

JP – Japan, Tokyo
Tel: +81 (0)3 6408 3901

KR – South Korea, Seoul
Tel: +82 2 559 0400

MY – Malaysia, Shah Alam
Tel: +60 3 7849 0800

NZ – New Zealand, Mt Wellington
Tel: +64 9 574 1744

SG – Singapore
Tel: +65 6887 6300

TH – Thailand, Bangkok
Tel: +662 186 7000

TW – Taiwan, Taipei
Tel: +886 2 2298 8987

South America

AR – Argentina, Buenos Aires
Tel: +54 3327 44 4129

BR – Brazil, Sao Jose dos Campos
Tel: +55 800 727 5374

CL – Chile, Santiago
Tel: +56 2 623 1216

MX – Mexico, Toluca
Tel: +52 72 2275 4200

Parker Hannifin Manufacturing Germany GmbH & Co. KG

polyflex Division
An der Tuchbleiche 4
68623 Lampertheim (Hüttenfeld)
Tel.: +49 (0)6256 81-0
Fax: +49 (0)6256 81-123
www.parker.com/polyflex
polyflex@parker.com

