

PA03

Maximum Working Pressure
3.5MPa
500PSI

Catalog Number	I.D.		O.D.		Max.W.P.		Min.B.P.		Min.B.R.		Weight		Reinforcement	Compatible coupling/relevant page	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	g/m		Factory-assembled	UNICRIMP-crimped
PA0304 *	1/4	6.3	0.55	14.0	500	3.5	2,000	14.0	2.17	55	0.10	170	4C	AS/27	AS/27
PA0306 *	3/8	9.5	0.69	17.4					2.56	65	0.14	220			
PA0308 *	1/2	12.7	0.83	21.2					3.54	90	0.19	290			
PA0310	5/8	15.9	0.93	23.5					4.33	110	0.20	310			
PA0312	3/4	19.0	1.24	31.4					5.31	135	0.39	620	2C	UT/27	UL/30
PA0316	1	25.4	1.48	37.5					6.69	170	0.49	850			
PA0320	1-1/4	31.8	1.64	41.7					7.87	200	0.77	900	1W	UT/27	
PA0324	1-1/2	38.1	1.90	48.3					9.84	250	0.90	1,170	LC/27	LC/27	

We recommend using water-glycol with couplings on which the wetted parts only are nickel chrome plated (the catalog numbers of these couplings end with X103). * Factory-assembled hoses with stainless steel fittings are the UL series hoses.

Do not use high water base fluid (HWBF) with the hoses listed above. Do not use water-glycol with either PA0320 or PA0324. Failure to observe these instructions could cause the hoses to burst or fluid to leak. Severe personal injury or death may result if these instructions are not followed.



PA07

Maximum Working Pressure
7.0MPa
1,000PSI

Catalog Number	I.D.		O.D.		Max.W.P.		Min.B.P.		Min.B.R.		Weight		Reinforcement	Compatible coupling/relevant page	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	g/m		Factory-assembled	UNICRIMP-crimped
PA0704 *	1/4	6.3	0.53	13.5	1,000	7.0	4,000	28.0	2.17	55	0.15	220	1W	UZ/34	UZ/34
PA0706 *	3/8	9.5	0.66	16.7					2.95	75	0.22	330		UB/34	
PA0708 *	1/2	12.7	0.76	19.4					3.15	80	0.25	380		UZ/34	
PA0710 *	5/8	15.9	0.94	23.8					4.33	110	0.34	510		UB/34	UB/34
PA0712 *	3/4	19.0	1.05	26.6					5.12	130	0.40	600	2W	UB/34	
PA0716 *	1	25.4	1.32	33.5					6.89	175	0.57	850		UZ/34	UZ/34
PA0720	1-1/4	31.8	1.71	43.5					8.66	220	1.07	1,610	2W	UZ/34	UZ/34
PA0724	1-1/2	38.1	1.98	50.2					10.63	270	1.27	1,910		HW/41	HW/41
PA0732	2	50.8	2.49	63.2	13.78	350	1.66	2,490							

We recommend using water-glycol with couplings on which the wetted parts only are nickel chrome plated (the catalog numbers of these couplings end with X103). * Factory-assembled hoses with stainless steel fittings are the UL and UX series hoses.

Do not use high water base fluid (HWBF) with the hoses listed above. Do not use water-glycol with either PA0720 or PA0724 or PA0732. Failure to observe these instructions could cause the hoses to burst or fluid to leak. Severe personal injury or death may result if these instructions are not followed.



PA10

Maximum Working Pressure
10.5MPa
1,500PSI

Catalog Number	I.D.		O.D.		Max.W.P.		Min.B.P.		Min.B.R.		Weight		Reinforcement	Compatible coupling/relevant page	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	g/m		Factory-assembled	UNICRIMP-crimped
PA1004 *	1/4	6.3	0.53	13.5	1,500	10.5	6,000	42.0	2.17	55	0.15	230	1W	UZ/34	UZ/34
PA1006 *	3/8	9.5	0.66	16.7					2.95	75	0.23	340		UB/34	
PA1008 *	1/2	12.7	0.76	19.4					3.15	80	0.26	390		UZ/34	
PA1010 *	5/8	15.9	0.94	23.8					4.33	110	0.35	530		UB/34	UB/34
PA1012 *	3/4	19.0	1.05	26.6					5.12	130	0.41	610	2W	UB/34	
PA1016 *	1	25.4	1.32	33.5					6.89	175	0.57	860		UZ/34	UZ/34
PA1020	1-1/4	31.8	1.71	43.5					8.66	220	1.07	1,610	2W	UZ/34	UZ/34
PA1024	1-1/2	38.1	1.98	50.2					10.63	270	1.27	1,910		HW/41	HW/41
PA1032	2	50.8	2.60	66.0	14.57	370	2.77	4,150	4S						

We recommend using water-glycol with couplings on which the wetted parts only are nickel chrome plated (the catalog numbers of these couplings end with X103). * Factory-assembled hoses with stainless steel fittings are the UL and UX series hoses.

Do not use high water base fluid (HWBF) with the hoses listed above. Do not use water-glycol with PA1020, PA1024, or PA1032. Failure to observe these instructions could cause the hoses to burst or fluid to leak. Severe personal injury or death may result if these instructions are not followed.



PA14

Maximum Working Pressure
14.0MPa
2,000PSI

Catalog Number	I.D.		O.D.		Max.W.P.		Min.B.P.		Min.B.R.		Weight		Reinforcement	Compatible coupling/relevant page	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	g/m		Factory-assembled	UNICRIMP-crimped
PA1404 *	1/4	6.3	0.53	13.5	2,000	14.0	8,000	56.0	2.17	55	0.16	240	1W	UZ/34	UZ/34
PA1406 *	3/8	9.5	0.66	16.7					2.95	75	0.23	350		UB/34	
PA1408 *	1/2	12.7	0.76	19.4					3.54	90	0.27	400		UZ/34	
PA1410 *	5/8	15.9	1.00	25.4					4.72	120	0.50	750		2W	UB/34
PA1412 *	3/4	19.0	1.15	29.3					5.51	140	0.63	940	UB/34		UB/34
PA1416 *	1	25.4	1.41	35.8					7.09	180	0.82	1,230	2W	UZ/34	UZ/34
PA1420	1-1/4	31.8	1.71	43.5					9.45	240	1.07	1,610		UZ/34	UZ/34
PA1424	1-1/2	38.1	2.07	52.7					11.02	280	2.04	3,060	4S	UZ/34	UZ/34
PA1432	2	50.8	2.60	66.0	14.57	370	2.77	4,150	HW/41	HW/41					

We recommend using water-glycol with couplings on which the wetted parts only are nickel chrome plated (the catalog numbers of these couplings end with X103). * Factory-assembled hoses with stainless steel fittings are the UL and UX series hoses.

Do not use high water base fluid (HWBF) with the hoses listed above. Do not use water-glycol with PA1420, PA1424, or PA1432. Failure to observe these instructions could cause the hoses to burst or fluid to leak. Severe personal injury or death may result if these instructions are not followed.



□ □ IDEULF □ VSLUDO □ □ VSLUDO □ ZLUHV

PA series

PA17

Maximum Working Pressure

17.0MPa

2,500PSI

Catalog Number	I.D.		O.D.		Max.W.P.		Min.B.P.		Min.B.R.		Weight		Reinforcement	Compatible coupling/relevant page	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	g/m		Factory-assembled	UNICRIMP-crimped
PA1704 *	1/4	6.3	0.53	13.5	2,500	17.0	10,000	68.0	2.36	60	0.16	240	1W	UZ/34	UZ/34
PA1706 *	3/8	9.5	0.66	16.7					3.15	80	0.24	360		UB/34	UB/34
PA1708	1/2	12.7	0.76	19.4					3.54	90	0.28	420			
PA1710	5/8	15.9	1.00	25.4					4.72	120	0.51	770	2W	UB/34	
PA1712	3/4	19.0	1.15	29.3					5.51	140	0.63	950			
PA1716	1	25.4	1.41	35.8					7.28	185	0.87	1,300			

* For factory-assembled hoses with stainless steel fittings, select the UL series hoses.

PA21

Maximum Working Pressure

20.5MPa

3,000PSI

Catalog Number	I.D.		O.D.		Max.W.P.		Min.B.P.		Min.B.R.		Weight		Reinforcement	Compatible coupling/relevant page	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	g/m		Factory-assembled	UNICRIMP-crimped
PA2104	1/4	6.3	0.53	13.5	3,000	20.5	12,000	82.0	2.76	70	0.17	250	1W	UZ/34	UZ/34
PA2106	3/8	9.5	0.71	18.0					3.54	90	0.31	470		UB/34	UB/34
PA2108	1/2	12.7	0.87	22.2					4.33	110	0.43	650			
PA2110	5/8	15.9	1.00	25.4					5.51	140	0.51	770	2W	UB/34	
PA2112	3/4	19.0	1.15	29.3					6.69	170	0.64	960			
PA2116	1	25.4	1.41	35.8					8.27	210	0.87	1,300			
PA2120	1-1/4	31.8	1.78	45.2					10.24	260	1.57	2,360	4S	UZ/34	UZ/34
PA2124	1-1/2	38.1	2.07	52.7					12.20	310	2.04	3,060		HW/40	HW/40
PA2132	2	50.8	2.60	66.0					16.93	430	2.77	4,150			

PA28

Maximum Working Pressure

27.5MPa

4,000PSI

Catalog Number	I.D.		O.D.		Max.W.P.		Min.B.P.		Min.B.R.		Weight		Reinforcement	Compatible coupling/relevant page	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	g/m		Factory-assembled	UNICRIMP-crimped
PA2804	1/4	6.3	0.59	15.1	4,000	27.5	16,000	110.0	2.76	70	0.25	380	2W	UZ/34	UZ/34
PA2806	3/8	9.5	0.75	19.1					3.94	100	0.36	540		UB/34	UB/34
PA2808	1/2	12.7	0.87	22.2					4.33	110	0.52	780			
PA2810	5/8	15.9	1.04	26.4					5.51	140	0.67	1,000	4S	UB/34	
PA2812	3/4	19.0	1.14	29.0					6.69	170	0.75	1,130			
PA2816	1	25.4	1.41	35.9					8.66	220	1.17	1,750			
PA2820	1-1/4	31.8	1.80	45.6					11.02	280	1.74	2,610	6S	UZ/34	UZ/34
PA2824	1-1/2	38.1	2.20	55.9					12.60	320	2.93	4,390		KN/41	—
PA2832	2	50.8	2.95	75.0					16.93	430	5.27	7,900		KD/41	—

PA35

Maximum Working Pressure

34.5MPa

5,000PSI

Catalog Number	I.D.		O.D.		Max.W.P.		Min.B.P.		Min.B.R.		Weight		Reinforcement	Compatible coupling/relevant page	
	inch	mm	inch	mm	psi	MPa	psi	MPa	inch	mm	lbs/ft	g/m		Factory-assembled	UNICRIMP-crimped
PA3504	1/4	6.3	0.59	15.1	5,000	34.5	20,000	138.0	3.15	80	0.26	390	2W	UZ/34	UZ/34
PA3506	3/8	9.5	0.75	19.1					4.33	110	0.37	550		UB/34	UB/34
PA3508	1/2	12.7	0.87	22.2					5.91	150	0.53	800			
PA3510	5/8	15.9	1.04	26.4					6.69	170	0.67	1,000	4S	UB/34	
PA3512	3/4	19.0	1.14	29.0					8.66	220	0.75	1,130			
PA3516	1	25.4	1.44	36.6					11.02	280	1.33	2,000			
PA3520	1-1/4	31.8	1.93	49.0					12.99	330	2.57	3,850	6S	UZ/34	
PA3524	1-1/2	38.1	2.20	55.9					14.96	380	2.96	4,440		KN/41	—
PA3532	2	50.8	2.95	75.0					19.69	500	5.33	8,000		KD/41	—

Reinforcing



