

# MILANO<sup>®</sup>

## Thermoplastic Valves & Fittings

Effective: May 1, 2008

PL081



Industry-Leading Innovation

### MOLDED-IN-PLACE ONE PIECE BALL VALVES

	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	Material	Ends	Seats	Seal
P200	1.93	2.47	3.51	5.16	7.17	9.27	30.61	44.52	79.02	SCHD 40 PVC	IPS	EPDM	EPDM
P200S	1.93	2.47	3.51	5.16	7.17	9.27	30.61	44.52	79.02	SCHD 40 PVC	SOCKET	EPDM	EPDM
P200-80	2.62	3.12	4.44	5.50	9.27	11.96	32.39	54.76	102.67	SCHD 40 PVC	IPS	EPDM	EPDM
P200S-80	2.62	3.12	4.44	5.50	9.27	11.96	32.39	54.76	102.67	SCHD 40 PVC	SOCKET	EPDM	EPDM
P200CTS	4.56	5.34	6.23	24.49	31.16	41.18	X	X	X	CPVC	CTS	PTFE	EPDM
P201	4.96	5.82	8.67	9.92	17.42	21.80	66.78	89.04	172.52	SCHD 80 PVC	IPS	PTFE	EPDM
P201S	4.96	5.82	8.67	9.92	17.42	21.80	66.78	89.04	172.52	SCHD 80 PVC	SOCKET	PTFE	EPDM
P202	5.45	6.67	9.97	12.96	21.26	27.16	X	X	X	SCHD 80 PVC	IPS	PTFE	VITON
P202S	5.45	6.67	9.97	12.96	21.26	27.16	X	X	X	SCHD 80 PVC	SOCKET	PTFE	VITON
P203	10.30	13.24	15.25	33.33	36.06	45.86	X	X	X	CPVC	IPS	PTFE	EPDM
P203S	10.30	13.24	15.25	33.33	36.06	45.86	X	X	X	CPVC	SOCKET	PTFE	EPDM

### TRUE UNION BALL VALVES

	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	Material	Ends	Seats	Seal
P200U-40	10.02	12.58	16.81	22.04	30.50	40.62	X	X	X	SCHD 40 PVC	SOCKET	PTFE	EPDM
P200U	11.22	14.02	18.69	24.53	33.88	45.14	70.49	122.70	233.66	SCHD 80 PVC	*	PTFE	EPDM
P200UV	12.82	17.06	22.58	29.81	40.29	59.19	88.82	135.79	257.03	SCHD 80 PVC	*	PTFE	VITON
P200UC	24.92	31.62	38.06	54.76	65.46	87.94	135.57	258.44	388.45	CPVC	*	PTFE	EPDM
P200UP	72.62	98.83	140.52	169.12	242.97	337.02	620.44	827.68	1214.73	PVDF	IPS	PTFE	VITON
P200F	31.05	33.61	43.41	51.92	62.31	83.48	132.40	187.26	313.87	SCHD 80 PVC	FLANGED	PTFE	EPDM
P200FC	48.81	57.15	75.02	108.35	146.47	201.29	242.97	337.02	652.61	CPVC	FLANGED	PTFE	EPDM

\*1/2" - 2" SUPPLIED WITH BOTH IPS AND SOCKET UNIONS IN BOX.

2 1/2" - 4" SUPPLIED WITH SOCKET ENDS AS STANDARD, IPS UNIONS AVAILABLE UPON REQUEST

### SINGLE UNION BALL VALVES

	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	Material	Ends	Seats	Stem/body Seals
P200SU	8.02	8.36	11.86	21.21	24.37	38.48	SCHD 80 PVC	IPS	PTFE	EPDM
P200SUS	8.02	8.36	11.86	21.21	24.37	38.48	SCHD 80 PVC	SOCKET	PTFE	EPDM
P200SUE	X	X	X	X	10.07	14.10	SCHD 40 PVC	SOCKET	PTFE	EPDM

## BALL CHECK VALVES

	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	Style	Material	Ends	Seats/Seals
P460	16.13	20.09	26.43	X	48.86	63.43	SINGLE UNION	SCHD 80 PVC	IPS	EPDM
P460S	16.13	20.09	26.43	X	48.86	63.43	SINGLE UNION	SCHD 80 PVC	SOCKET	EPDM
P460C	29.77	34.56	44.07	X	84.53	104.79	SINGLE UNION	CPVC	IPS	EPDM
P460CS	29.77	34.56	44.07	X	84.53	104.79	SINGLE UNION	CPVC	SOCKET	EPDM
P460P	65.50	94.10	122.65	X	254.88	329.89	SINGLE UNION	PVDF	IPS	VITON
P460U	16.98	21.16	27.84	45.63	51.43	66.78	TRUE UNION	SCHD 80 PVC	*	EPDM
P460UC	35.06	43.18	51.31	70.95	85.98	116.81	TRUE UNION	CPVC	*	EPDM
P560	38.12	44.07	57.15	X	109.57	127.44	FOOT CHECK	SCHD 80 PVC	IPS	EPDM
P560S	38.12	44.07	57.15	X	109.57	127.44	FOOT CHECK	SCHD 80 PVC	SOCKET	EPDM
P560C	50.03	55.98	72.62	X	139.35	160.77	FOOT CHECK	CPVC	IPS	EPDM
P560CS	50.03	55.98	72.62	X	139.35	160.77	FOOT CHECK	CPVC	SOCKET	EPDM

## SPRING CHECK VALVES

	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	Material	Ends	Seats/Seals
P32	5.57	6.29	9.07	11.85	12.91	15.36	SCHD 40 PVC	IPS	EPDM
P32S	5.57	6.29	9.07	11.85	12.91	15.36	SCHD 40 PVC	SOCKET	EPDM

## SWING CHECK VALVES

	2"	2 1/2"	3"	4"	6"	8"	Style	Material	Ends	Seat Seals
P420S	X	X	58.43	76.24	X	X	SWING CHECK	SCHD 80 PVC	SOCKET	PTFE/EPDM
P430S	X	X	74.29	92.05	X	X	FOOT CHECK	SCHD 80 PVC	SOCKET	PTFE/EPDM
P440F	275.20	350.49	379.04	571.17	1025.51	2003.40	FLANGED SWING CHECK	SCHD 80 PVC	FLANGE	PTFE/EPDM

## BUTTERFLY VALVES

	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	Seats	Material
P21	124.87	140.17	142.73	161.84	294.33	245.93	503.34	656.25	909.86	3,896	6,901	9,238	10,907	14,914	EPDM	SCHD 80 PVC
P21V	186.02	194.72	216.62	263.78	X	426.88	880.49	1560.98	2134.41	X	X	X	X	X	VITON	SCHD 80 PVC

## DIAPHRAGM VALVES

	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	Material	Ends	Seats / Seals
P710	X	X	129.83	168.75	234.62	333.45	383.48	559.73	893.18	1700.61	SCHD 80 PVC	FLANGED	EPDM
P710V	X	X	150.03	226.27	276.30	415.65	488.27	674.03	1136.15	2067.40	SCHD 80 PVC	FLANGED	VITON

## 3 PC BOLTED BALL VALVES

	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	Material	Ends	Seats	Stem/body Seals
P200TP	18.48	18.48	18.48	35.23	35.23	35.23	PP	FLANGED	PTFE	EDPM

## FLANGES

	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"	Style	Material
P820	5.95	6.18	6.46	6.57	6.79	X	X	X	X	X	X	X	X	1 PIECE	SCHD 80 PVC
P820VS	X	X	X	X	X	7.01	10.85	12.02	15.19	23.82	38.84	61.10	65.83	VAN STONE	SCHD 80 PVC

## GASKETS

	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"	Material
<b>P830</b>	1.34	1.56	2.00	2.39	2.73	3.45	3.95	5.23	8.24	10.13	14.08	15.47	EPDM

## COMPRESSION FITTINGS

	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	Type	Material	Ends	Seals
<b>P600U</b>	1.04	1.56	2.08	3.12	3.90	5.20	13.41	18.20	27.27	58.71	Repair Coupling	SCHD 40 PVC	IPS	EPDM
<b>P600CTS</b>	2.62	3.45	3.90	X	X	X	X	X	X	X	Repair Coupling	CPVC	CTS	EPDM
<b>P600U-SDR9</b>	X	9.45	10.92	X	X	X	X	X	X	X	Repair Coupling	SCHD 40 PVC	SDR	EPDM
<b>P232</b>	4.45	4.67	5.84	10.57	11.80	17.59	X	X	X	X	Expansion Repair Coupling	SCHD 40 PVC	SOCKET	EPDM
<b>P220-SDR9</b>	X	6.82	7.66	X	X	X	X	X	X	X	Male Adapter	SCHD 40 PVC	SDR X IPS	EPDM
<b>P220S-SDR9</b>	X	6.82	7.66	X	X	X	X	X	X	X	Male Adapter	SCHD 40 PVC	SDR X SOCKET	EPDM
<b>P230</b>	2.28	3.06	4.40	7.51	7.85	9.40	X	X	X	X	Compression T	SCHD 40 PVC	IPS	EPDM

## UNIONS

	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	Material	Ends	Seals
<b>P240</b>	2.20	2.59	3.64	4.67	6.49	10.13	15.58	19.92	35.62	SCHD 40 PVC	IPS	EPDM
<b>P240S</b>	2.20	2.59	3.64	4.67	6.49	10.13	15.58	19.92	35.62	SCHD 40 PVC	SOCKET	EPDM
<b>P241</b>	4.79	4.79	7.12	9.52	13.08	16.70	23.82	32.17	X	CPVC	IPS	EPDM
<b>P241S</b>	4.79	4.79	7.12	9.52	13.08	16.70	23.82	32.17	X	CPVC	SOCKET	EPDM
<b>P242</b>	3.51	4.67	7.79	X	X	X	X	X	X	CPVC	CTS	EPDM
<b>P243S</b>	2.47	2.98	4.15	5.45	7.52	11.69	19.03	23.82	X	SCHD 80 PVC	SOCKET	EPDM

## LOW PRESSURE

	1/2"	3/4"	Material	Ends	Style
<b>P60SCPVC</b>	2.73	2.89	CPVC	CTS	STOP & WASTE
<b>P75</b>	2.45	2.56	CELCON	IPS X HOSE	BOILER DRAIN



Member of the Valve Manufacturers Association of America

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