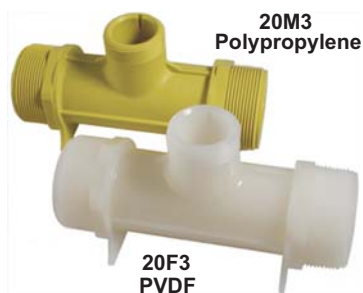


Technical Data Sheet

F-1000 & F-2000 Series - Digi-Flo Pipe Fittings

MOLDED IN-LINE BODY WITH M/NPT CONNECTIONS
PIPE SIZES: 3/8", 1/2", 3/4", 1", 1-1/2", 2" M/NPT



- Molded In-line Features:**
- One piece injection molded construction.
 - Male pipe thread in-line installation.
 - Polypropylene fittings for standard applications.
 - PVDF material for highly corrosive applications.

Molded In-line Specifications:
Max. PSI 300 psig (20 bar) @ 70° F (21° C)
Max. Temp.. 200° F (93° C) @ 0 PSI
Note: Temperature rating of pipe fitting only.
Actual pipe rating may vary.

Pipe Size	GPM Range	Max. PSI Drop	Polypropylene Model Number	PVDF Model Number
3/8"	.8 to 8	2.3	38M1	38F1
3/8"	.4 to 4	8.7	38M2	38F2
1/2"	2 to 20	3.5	50M1	50F1
1/2"	.5 to 5	6.9	50M2	50F2
3/4"	3 to 30	1.9	75M1	75F1
3/4"	.8 to 8	2.3	75M2	75F2
1"	5 to 50	1.6	10M1	10F1
1"	2 to 20	3.5	10M2	10F2
1-1/2"	4 to 40	1.8	15M1	15F1
1-1/2"	6 to 60	1.0	15M2	15F2
1-1/2"	10 to 100	0.9	15M3	15F3
2"	4 to 40	1.8	20M1	20F1
2"	6 to 60	1.0	20M2	20F2
2"	10 to 100	0.9	20M3	20F3
2"	20 to 200	1.0	20M4	20F4

MACHINED IN-LINE BODY WITH F/NPT CONNECTIONS
PIPE SIZES: 3/8", 1/2", 3/4", 1", 1-1/2", 2" F/NPT



- Machined In-line Features:**
- Machined from solid bar and sheet stock.
 - Union and F/NPT pipe adapter connections for easy installation.
 - Internal gland o-ring adapter seals provide greater protection against installation misalignment and vibration.
 - Polypropylene fittings for standard applications.
 - PVDF material for highly corrosive applications.

Machined In-line Specifications:
Max. PSI 300 psig (20 bar) @ 70° F (21° C)
Max. Temp.. 200° F (93° C) @ 0 PSI
Note: Temperature rating of pipe fitting only.
Actual pipe rating may vary.

Pipe Size	GPM Range	Max. PSI Drop	Polypropylene Model Number	PVDF Model Number
3/8"	.8 to 8	2.3	38P1	38K1
3/8"	.4 to 4	8.7	38P2	38K2
1/2"	2 to 20	3.5	50P1	50K1
1/2"	.5 to 5	6.9	50P2	50K2
3/4"	4 to 40	1.8	75P1	75K1
3/4"	.8 to 8	2.3	75P2	75K2
1"	6 to 60	1.0	10P1	10K1
1"	2 to 20	3.5	10P2	10K2
1-1/2"	1 to 10	1.7	15P5	15K5
1-1/2"	6 to 60	1.0	15P3	15K3
1-1/2"	15 to 150	0.8	15P1	15K1
2"	2 to 20	1.8	20P6	20K6
2"	6 to 60	1.0	20P4	20K4
2"	15 to 150	0.8	20P2	20K2
2"	30 to 300	1.0	20P1	20K1

SADDLES FOR IPS & METRIC PIPE SIZES

IPS PIPE SIZES: 1-1/2", 2", 3", 4", 6", 8", 10", 12"
METRIC PIPE SIZES: 50, 63, 90, 110, 160, 200, 250, 315mm



- Saddle Features:**
- 1-1/2" thru 3" (50mm thru 90mm) injection molded PVDF.
 - 3" thru 12" (110mm thru 315mm) machined from solid PVC sheet stock.
 - Installs on existing pipe - no other fittings are required.
 - No added pressure drop to system.

Saddle Specifications:
Max. PSI..... 300 psig (20 bar) @ 70° F (21° C)
Max. Temp.. 200° F (93° C) @ 0 PSI (PVDF)
140° F (60° C) @ 0 PSI (PVC)
Note: Temperature rating of pipe fitting only.
Actual pipe rating may vary.
O-ring seals: Viton

Size	GPM Range	Mat'l	SCHEDULE 40 Model Number	SCHEDULE 80 Model Number
1-1/2"	15 to 150	PVDF	15K4	15K8
2"	30 to 300	PVDF	20K4	20K8
3"	60 to 600	PVDF	30K4	30K8
4"	100 to 1000	PVC	40A4	40A8
6"	250 to 2500	PVC	60A4	60A8
8"	400 to 4000	PVC	80A4	80A8
10"	600 to 6000	PVC	100A4	100A8
12"	800 to 8000	PVC	120A4	120A8
DIN 8062	LPM Range		METRIC PN10	METRIC PN16
50mm	70 to 700	PVDF	05K0	05K6
63mm	110 to 1100	PVDF	06K0	06K6
90mm	230 to 2300	PVDF	09K0	09K6
110mm	350 to 3500	PVC	11A0	11A6
160mm	720 to 7200	PVC	16A0	16A6
200mm	1150 to 11500	PVC	20A0	20A6
250mm	1700 to 17000	PVC	25A0	n/a
315mm	2700 to 27000	PVC	31A0	n/a

IN-LINE TEE FITTINGS
IPS PIPE SIZES: 1", 1-1/2", 2"



- Molded PVC Tee Features:**
- Easy to install using standard PVC solvent weld cement.
 - No added pressure drop to system.
- 316 Stainless Steel Tee Features:**
- Easy to install using standard F/NPT pipe threads.
 - No added pressure drop to system.

Specifications:
Max. PSI..... 200 psig (13.8 bar) @ 70° F (21° C)
Max. Temp.. 200° F (93° C) @ 0 PSI (316 SS)
140° F (60° C) @ 0 PSI (PVC)
Note: Temperature rating of pipe fitting only.
Actual pipe rating may vary.

Pipe Size	GPM Range	PVC SOCKET WELD Model Number	316 STAINLESS F/NPT Model Number
1"	6 to 60	10AT	10ST
1-1/2"	15 to 150	15AT	15ST
2"	30 to 300	20AT	20ST