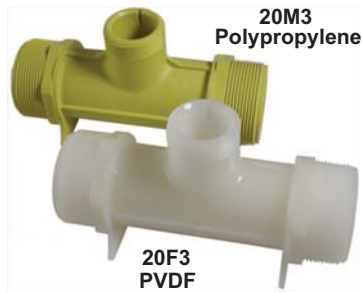


Technical Data Sheet

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 IPS | 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 |