



*filamaster*  
PIPE SERIES

## FRP CORROSION RESISTANT PIPING

### Features

- Wide variety of standard sizes
- Engineered for pressures up to 150 PSI.
- Fabricated under ISO 9000 -2000 Quality assurance system
- Fire retardant
- Fabricated using only premium resins and E-glass reinforcement
- Low maintenance and lightweight
- Easy to transport and install

### Fittings

- Elbows
- Tees
- Reducers
- Drains
- Custom
- Couplings

### Connection Type

- Flanges and Gaskets
- Bell and Spigot Jointed
- But Jointed
- Field Jointed

### Shapes

- Round
- Rectangular
- Square
- Custom



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Manufactured by



SIZING CHARTS

Pipe (General Purpose Applications)				
20' Long				
DIA	25 PSI	50 PSI	100 PSI	150 PSI
2"	PGP 02-20-25	PGP 02-20-50	PGP 02-20-100	PGP 02-20-150
3"	PGP 03-20-25	PGP 03-20-50	PGP 03-20-100	PGP 03-20-150
4"	PGP 04-20-25	PGP 04-20-50	PGP 04-20-100	PGP 04-20-150
6"	PGP 06-20-25	PGP 06-20-50	PGP 06-20-100	PGP 06-20-150
8"	PGP 08-20-25	PGP 08-20-50	PGP 08-20-100	PGP 08-20-150
10"	PGP 10-20-25	PGP 10-20-50	PGP 10-20-100	PGP 10-20-150
12"	PGP 12-20-25	PGP 12-20-50	PGP 12-20-100	PGP 12-20-150
14"	PGP 14-20-25	PGP 14-20-50	PGP 14-20-100	PGP 14-20-150
16"	PGP 16-20-25	PGP 16-20-50	PGP 16-20-100	PGP 16-20-150
18"	PGP 18-20-25	PGP 18-20-50	PGP 18-20-100	
20"	PGP 20-20-25	PGP 20-20-50	PGP 20-20-100	
24"	PGP 24-20-25	PGP 24-20-50	PGP 24-20-100	
30"	PGP 30-20-25	PGP 30-20-50	PGP 30-20-100	
34"	PGP 34-20-25	PGP 34-20-50		
36"	PGP 36-20-25	PGP 36-20-50		
42"	PGP 42-20-25	PGP 42-20-50		
48"	PGP 48-20-25	PGP 48-20-50		
60"	PGP 60-20-25	PGP 60-20-50		

Pipe (High Temperature or Caustic Applications)				
20' Long				
DIA	25 PSI	50 PSI	100 PSI	150 PSI
2"	PVE 02-20-25	PVE 02-20-50	PVE 02-20-100	PVE 02-20-150
3"	PVE 03-20-25	PVE 03-20-50	PVE 03-20-100	PVE 03-20-150
4"	PVE 04-20-25	PVE 04-20-50	PVE 04-20-100	PVE 04-20-150
6"	PVE 06-20-25	PVE 06-20-50	PVE 06-20-100	PVE 06-20-150
8"	PVE 08-20-25	PVE 08-20-50	PVE 08-20-100	PVE 08-20-150
10"	PVE 10-20-25	PVE 10-20-50	PVE 10-20-100	PVE 10-20-150
12"	PVE 12-20-25	PVE 12-20-50	PVE 12-20-100	PVE 12-20-150
14"	PVE 14-20-25	PVE 14-20-50	PVE 14-20-100	PVE 14-20-150
16"	PVE 16-20-25	PVE 16-20-50	PVE 16-20-100	PVE 16-20-150
18"	PVE 18-20-25	PVE 18-20-50	PVE 18-20-100	
20"	PVE 20-20-25	PVE 20-20-50	PVE 20-20-100	
24"	PVE 24-20-25	PVE 24-20-50	PVE 24-20-100	
30"	PVE 30-20-25	PVE 30-20-50	PVE 30-20-100	
34"	PVE 34-20-25	PVE 34-20-50		
36"	PVE 36-20-25	PVE 36-20-50		
42"	PVE 42-20-25	PVE 42-20-50		
48"	PVE 48-20-25	PVE 48-20-50		
60"	PVE 60-20-25	PVE 60-20-50		

CONNECTION OPTIONS

Flanges				
DIA	25 PSI	50 PSI	100 PSI	150 PSI
2"	FVE 02-25	FVE 02-20-50	FVE 02-20-100	FVE 02-20-150
3"	FVE 03-25	FVE 03-20-50	FVE 03-20-100	FVE 03-20-150
4"	FVE 04-25	FVE 04-20-50	FVE 04-20-100	FVE 04-20-150
6"	FVE 06-20-25	FVE 06-20-50	FVE 06-20-100	FVE 06-20-150
8"	FVE 08-20-25	FVE 08-20-50	FVE 08-20-100	FVE 08-20-150
10"	FVE 10-20-25	FVE 10-20-50	FVE 10-20-100	FVE 10-20-150
12"	FVE 12-20-25	FVE 12-20-50	FVE 12-20-100	FVE 12-20-150
14"	FVE 14-20-25	FVE 14-20-50	FVE 14-20-100	FVE 14-20-150
16"	FVE 16-20-25	FVE 16-20-50	FVE 16-20-100	FVE 16-20-150
18"	FVE 18-20-25	FVE 18-20-50	FVE 18-20-100	
20"	FVE 20-20-25	FVE 20-20-50	FVE 20-20-100	
24"	FVE 24-20-25	FVE 24-20-50	FVE 24-20-100	
30"	FVE 30-20-25	FVE 30-20-50	FVE 30-20-100	
34"	FVE 34-20-25	FVE 34-20-50		
36"	FVE 36-20-25	FVE 36-20-50		
42"	FVE 42-20-25	FVE 48-20-50		
48"	FVE 48-20-25	FVE 48-20-50		
60"	FVE 60-20-25	FVE 60-20-50		

ACCESSORIES

Gaskets				
	EPDM	EPDM	Neoprene	Neoprene
DIA	1/8" thick	1/4"	1/8"	1/4"
2"	GE 02-125	GE 02-250	GN 02-125	GN 02-250
3"	GE 03-125	GE 03-250	GN 03-125	GN 03-250
4"	GE 04-125	GE 04-250	GN 04-125	GN 04-250
6"	GE 06-125	GE 06-250	GN 06-125	GN 06-250
8"	GE 08-125	GE 08-250	GN 08-125	GN 08-250
10"	GE 10-125	GE 10-250	GN 10-125	GN 10-250
12"	GE 12-125	GE 12-250	GN 12-125	GN 12-250
14"	GE 14-125	GE 14-250	GN 14-125	GN 14-250
16"	GE 16-125	GE 16-250	GN 16-125	GN 16-250
18"	GE 18-125	GE 18-250	GN 18-125	GN 18-250
20"	GE 20-125	GE 20-250	GN 20-125	GN 20-250
24"	GE 24-125	GE 24-250	GN 24-125	GN 24-250
30"	GE 30-125	GE 30-250	GN 30-125	GN 30-250
34"	GE 34-125	GE 34-250	GN 34-125	GN 34-250
36"	GE 36-125	GE 36-250	GN 36-125	GN 36-250
42"	GE 42-125	GE 42-250	GN 42-125	GN 42-250
48"	GE 48-125	GE 48-250	GN 48-125	GN 48-250
60"	GE 60-125	GE 60-250	GN 60-125	GN 60-250

ACCESSORIES

Bolt Sets				
DIA	25 PSI	50 PSI	100 PSI	150 PSI
2"	BS 02-25	BS 02-50	BS 02-100	BS 02-150
3"	BS 03-25	BS 03-50	BS 03-100	BS 03-150
4"	BS 04-25	BS 04-50	BS 04-100	BS 04-150
6"	BS 06-25	BS 06-50	BS 06-100	BS 06-150
8"	BS 08-25	BS 08-50	BS 08-100	BS 08-150
10"	BS 10-25	BS 10-50	BS 10-100	BS 10-150
12"	BS 12-25	BS 12-50	BS 12-100	BS 12-150
14"	BS 14-25	BS 14-50	BS 14-100	BS 14-150
16"	BS 16-25	BS 16-50	BS 16-100	BS 16-150
18"	BS 18-25	BS 18-50	BS 18-100	
20"	BS 20-25	BS 20-50	BS 20-100	
24"	BS 24-25	BS 24-50	BS 24-100	
30"	BS 30-25	BS 30-50	BS 30-100	
34"	BS 34-25	BS 34-50		
36"	BS 36-25	BS 36-50		
42"	BS 42-25	BS 42-50		
48"	BS 48-25	BS 48-50		
60"	BS 60-25	BS 60-50		

CONNECTION OPTIONS

Bell End				
DIA	25 PSI	50 PSI	100 PSI	150 PSI
2"	BE 02-25	BE 02-50	BE 02-100	BE 02-150
3"	BE 03-25	BE 03-50	BE 03-100	BE 03-150
4"	BE 04-25	BE 04-50	BE 04-100	BE 04-150
6"	BE 06-25	BE 06-50	BE 06-100	BE 06-150
8"	BE 08-25	BE 08-50	BE 08-100	BE 08-150
10"	BE 10-25	BE 10-50	BE 10-100	BE 10-150
12"	BE 12-25	BE 12-50	BE 12-100	BE 12-150
14"	BE 14-25	BE 14-50	BE 14-100	BE 14-150
16"	BE 16-25	BE 16-50	BE 16-100	BE 16-150
18"	BE 18-25	BE 18-50	BE 18-100	
20"	BE 20-25	BE 20-50	BE 20-100	
24"	BE 24-25	BE 24-50	BE 24-100	
30"	BE 30-25	BE 30-50	BE 30-100	
34"	BE 34-25	BE 34-50		
36"	BE 36-25	BE 36-50		
42"	BE 42-25	BE 42-50		
48"	BE 48-25	BE 48-50		
60"	BE 60-25	BE 60-50		

CONNECTION OPTIONS

Field Kit				
DIA	25 PSI	50 PSI	100 PSI	150 PSI
2"	FK 02-25	FK 02-50	FK 02-100	FK 02-150
3"	FK 03-25	FK 03-50	FK 03-100	FK 03-150
4"	FK 04-25	FK 04-50	FK 04-100	FK 04-150
6"	FK 06-25	FK 06-50	FK 06-100	FK 06-150
8"	FK 08-25	FK 08-50	FK 08-100	FK 08-150
10"	FK 10-25	FK 10-50	FK 10-100	FK 10-150
12"	FK 12-25	FK 12-50	FK 12-100	FK 12-150
14"	FK 14-25	FK 14-50	FK 14-100	FK 14-150
16"	FK 16-25	FK 16-50	FK 16-100	FK 16-150
18"	FK 18-25	FK 18-50	FK 18-100	
20"	FK 20-25	FK 20-50	FK 20-100	
24"	FK 24-25	FK 24-50	FK 24-100	
30"	FK 30-25	FK 30-50	FK 30-100	
34"	FK 34-25	FK 34-50		
36"	FK 36-25	FK 36-50		
42"	FK 42-25	FK 42-50		
48"	FK 48-25	FK 48-50		
60"	FK 60-25	FK 60-50		

90° Elbow				
DIA	25 PSI	50 PSI	100 PSI	150 PSI
2"	NE 02-25	NE 02-50	NE 02-100	NE 02-150
3"	NE 03-25	NE 03-50	NE 03-100	NE 03-150
4"	NE 04-25	NE 04-50	NE 04-100	NE 04-150
6"	NE 06-25	NE 06-50	NE 06-100	NE 06-150
8"	NE 08-25	NE 08-50	NE 08-100	NE 08-150
10"	NE 10-25	NE 10-50	NE 10-100	NE 10-150
12"	NE 12-25	NE 12-50	NE 12-100	NE 12-150
14"	NE 14-25	NE 14-50	NE 14-100	NE 14-150
16"	NE 16-25	NE 16-50	NE 16-100	NE 16-150
18"	NE 18-25	NE 18-50	NE 18-100	
20"	NE 20-25	NE 20-50	NE 20-100	
24"	NE 24-25	NE 24-50	NE 24-100	
30"	NE 30-25	NE 30-50	NE 30-100	
34"	NE 34-25	NE 34-50		
36"	NE 36-25	NE 36-50		
42"	NE 42-25	NE 42-50		
48"	NE 48-25	NE 48-50		
60"	NE 60-25	NE 60-50		

FITTINGS

45° Elbow				
DIA	25 PSI	50 PSI	100 PSI	150 PSI
2"	FE 02-25	FE 02-50	FE 02-100	FE 02-150
3"	FE 03-25	FE 03-50	FE 03-100	FE 03-150
4"	FE 04-25	FE 04-50	FE 04-100	FE 04-150
6"	FE 06-25	FE 06-50	FE 06-100	FE 06-150
8"	FE 08-25	FE 08-50	FE 08-100	FE 08-150
10"	FE 10-25	FE 10-50	FE 10-100	FE 10-150
12"	FE 12-25	FE 12-50	FE 12-100	FE 12-150
14"	FE 14-25	FE 14-50	FE 14-100	FE 14-150
16"	FE 16-25	FE 16-50	FE 16-100	FE 16-150
18"	FE 18-25	FE 18-50	FE 18-100	
20"	FE 20-25	FE 20-50	FE 20-100	
24"	FE 24-25	FE 24-50	FE 24-100	
30"	FE 30-25	FE 30-50	FE 30-100	
34"	FE 34-25	FE 34-50		
36"	FE 36-25	FE 36-50		
42"	FE 42-25	FE 42-50		
48"	FE 48-25	FE 48-50		
60"	FE 60-25	FE 60-50		

Tee				
DIA	25 PSI	50 PSI	100 PSI	150 PSI
2"	TF 02-25	TF 02-50	TF 02-100	TF 02-150
3"	TF 03-25	TF 03-50	TF 03-100	TF 03-150
4"	TF 04-25	TF 04-50	TF 04-100	TF 04-150
6"	TF 06-25	TF 06-50	TF 06-100	TF 06-150
8"	TF 08-25	TF 08-50	TF 08-100	TF 08-150
10"	TF 10-25	TF 10-50	TF 10-100	TF 10-150
12"	TF 12-25	TF 12-50	TF 12-100	TF 12-150
14"	TF 14-25	TF 14-50	TF 14-100	TF 14-150
16"	TF 16-25	TF 16-50	TF 16-100	TF 16-150
18"	TF 18-25	TF 18-50	TF 18-100	
20"	TF 20-25	TF 20-50	TF 20-100	
24"	TF 24-25	TF 24-50	TF 24-100	
30"	TF 30-25	TF 30-50	TF 30-100	
34"	TF 34-25	TF 34-50		
36"	TF 36-25	TF 36-50		
42"	TF 42-25	TF 42-50		
48"	TF 48-25	TF 48-50		
60"	TF 60-25	TF 60-50		



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