

Form for Fiberglass Line Pipe

Instructions:

1. Complete all information required as applicable.
2. Include any additional information in the Comments section
3. Write in units of measure as required.

Customer Information	General Information
Customer	Project
Contact	Location
Phone	Salesman:
Email	Date
Operating Conditions	
Pipe size	Flow rate
Pressure Range	Temperature Range
Maximum operating pressure	Maximum operating temperature
Minimum operating pressure	Minimum operating temperature
Cyclic frequency	Cyclic frequency
Cyclic amplitude	Cyclic amplitude
Fluid Composition	Process Information
Chemicals and concentrations	Type / actuation time of valves
Chemicals and concentrations at injection point	Type / model no. of pumps
Liquid / gas / multiphase	Other equipment
Upset Conditions	
Fluid composition if different from operating	
Pressure Range	Temperature Range
Maximum upset pressure	Maximum upset temperature
Frequency	Frequency
Minimum upset pressure	Minimum upset temperature
Frequency	Frequency
Comments	

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Underground Installation Conditions	
Burial depth	
Live surface loading	
Soil Properties	Backfill Properties
Modulus	Modulus
Specific weight	Specific weight
Bedding Coefficient, $(K_x)^1$	Shape factor, $(S_c)^2$
Ground water level	Lag factor, (D_L)
Trench width	Classification
Classification	Compaction
Aboveground Installation Conditions	
Desired support spacing	
Desired support details	
System layout / support locations	
Comments	

Results and recommendations:

1. Section 5.7.3.4, AWWA C950 manual M45
2. Table 5-4, AWWA C950 M45