

Industrial Fiberglass Specialties, Inc.

521 Kiser Street
Dayton, OH 45404-1641
Tel: 937-222-9000
Fax: 937-222-9020

Pipe Specification Form

09-27-96

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A. General Service Conditions

Date ____/____/____

Specification No. _____

Project Name _____

Location _____

City _____ State _____

Client/End User _____ Telephone No. _____

Contact Name _____ Fax No. _____

Consultant/Engineer _____ Telephone No. _____

Contact Name _____ Fax No. _____

Piping Required: Diameter _____ in. Length _____ ft.

Diameter _____ in. Length _____ ft.

Diameter _____ in. Length _____ ft.

Diameter _____ in. Length _____ ft.

Diameter _____ in. Length _____ ft.

Total Length _____ ft.

Please Note: When reporting the following information, please specify maximum operating values WITHOUT safety factors applied. Safety factors will be applied during design.

Type of Fluid Conveyed _____

Specified Materials

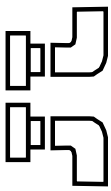
Liner Resin _____

Fluid Specific Gravity _____

Liner Thickness _____

Fluid Temperature Min. _____ °F

Max. _____ °F



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Specified Trench Shape Adjacent to Pipe

- None Sloping Walls Vertical Side Walls

Soil Conditions

	Native Undisturbed Soil @ Pipe Centerline Elevation	Backfill Materials
Type	_____	<input type="checkbox"/> Native <input type="checkbox"/> Imported
Soil Density	_____ PCF	_____ PCF
% Fines Passing Through #200 Mesh Sieve	_____ %	_____ %
Standard Penetration Resistance (Blows/ft. of Penetration)	_____	_____
Modulus of Soil Reaction @ -4 ft. from Grade	_____ PSI	_____ PSI
Deflection Lag Factor (1.25 Minimum Rock & 1.5 Minimum Natural Trench)	_____	
Specified Compaction (Standard Proctor)	_____ %	

Subaqueous Pipe

Mean Tide Elevation

High Tide _____ Ft.

Low Tide _____ Ft.

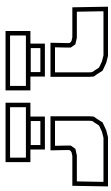
Maximum Wave Height _____ Ft.

Entrapped Air _____ %

Expected Differential Settlement _____ Ft.

Pile Support Spacing (If Required) _____ Ft.

(Note: Magnify overburden load by 2 if piles are used.)



C. Service Conditions for Above Ground (Non-Buried) Pipe

Design Wind Loads on Pipe _____ PSF

Design Ice Load _____ lbs./L.F.

External Exposure

- Sunlight Radiation
- Mechanical Abuse
- Chemical Spills

Name Chemicals _____

Available Support Spacing or
Desired Span _____ Ft.

Reaction Force Structure
Can Resist @ Bends _____ lbs.

Thermal Expansion of
Support Structure _____ in./in./°F

Temperature & Pressure Expansion
of Equipment Tie-in _____ in.

Desired Method for Resisting Internal Pressure
and Temperature Expansion at Bends

- Free-end
- Allow Elbows to Translate
- Fixed-end
- Anchor Pipe @ Direction Changes
- Use Expansion Joints, Gaskets, etc.