

CONTAIN-IT Plus Systems

Questionnaire for Static Evidence and Stress Calculation

DVS 2210-2

General project information

Project name	
Customer	
CRM/Order number	

Flow media

Flow media		%
Density (in g/cm ³)		
MSDS (Material Safety Data Sheet) attached?	Yes	No

Operation conditions

Total load time

Maximum working temperature		°C	in percent	%
Minimum working temperature		°C	in percent	%
Maximum working pressure		bar	in percent	%
Minimum working pressure		bar	in percent	%
Period w/o media/empty			in percent	%
Ambient temperature	Minimum	°C	Maximum	°C
Required service life	10 years	25 years		

Parameter pipes

Inner pipe

Outer pipe

Material		PE-100	PVC-U (transparent)
Outer diameter d			
Wall thickness e			
Nominal pressure PN			
Standard dimension ratio (SDR)			
Expected connection technology			

Installation details

Installation detail 1

Installation detail 2

Additional system data	Above the ground	In the ground (buried)	In building	Outdoor
	Longest straight pipe run >10m?		Yes	No
	Heat tracing?		Yes	No
	Insulation thickness			mm
Installation temperature	Minimum	°C	Maximum	°C

Leak detection information

Leak detection information	Optical	Sensor	Detection cable
	Overpressure difference		No pressure
	Underpressure		

Comments

Attachments

Isometric drawing

Your contact

Georg Fischer Piping Systems Ltd.
 Ebnatstrasse 111, 8201 Schaffhausen / Switzerland
 gss@georgfischer.com / www.gfps.com

Disclaimer
 The scope of engineering services provided by Georg Fischer Piping Systems Ltd. is as follows: verification of above and below ground piping systems according to the given conditions. The static evidence provided complies with following criteria and is mainly based on DVS 2210-1: (static evidence and stress calculation for flexible and axially clamped sections with consideration of permissible change in length and deflection / generation of pipe support concept incl. support spacing, piping reactions and optimization / clear overview of load cases and assumptions / clarification of calculation / verifiability of calculation steps and non-generally accepted codes of practice / summary of results). GF makes its recommendations on the basis of information provided by the customer. GF does not check this information for completeness or correctness. Any liability due to incorrect or incomplete information provided by the customer is herewith excluded.