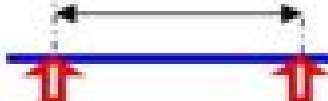
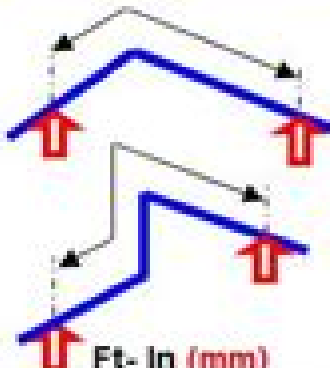
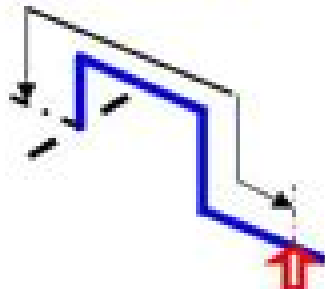


ALLOWABLE PIPING SPANS

Based on using carbon steel pipe (A53-GR B) filled with water

Spans are based on insulated and uninsulated lines below 650 Deg. F

Nom. Pipe Size	Pipe Sch.	Wall Thickness Inches						
			Allowable Span	Deflection	Ft- In (mm)	Inches (mm)		
Ft- In (mm)							Ft- In (mm)	
3/4"	80	0.154	10'-0" (3048)	3/8" (10)	7'-0" (2134)		8'-0" (2438)	
1"	80	0.179	13'-0" (3962)	1/2" (13)	9'-0" (2743)		10'-0" (3048)	
1-1/2"	80	0.200	17'-0" (5182)	3/4" (19)	11'-0" (3353)		13'-0" (3962)	
2"	40	0.154	19'-0" (5791)	1" (25)	12'-0" (3658)		14'-0" (4267)	
2"	80	0.218	20'-0" (6096)	1" (25)	13'-0" (3962)		15'-0" (4572)	
3"	40	0.216	25'-0" (7620)	1" (25)	16'-0" (4877)		18'-0" (5486)	
4"	40	0.237	27'-0" (8230)	1" (25)	18'-0" (5486)		20'-0" (6096)	
6"	40	0.280	33'-0" (10058)	1" (25)	22'-0" (6706)		25'-0" (7620)	
8"	30	0.277	36'-0" (10973)	1" (25)	24'-0" (7315)		27'-0" (8230)	
10"	20	0.250	38'-0" (11582)	1" (25)	25'-0" (7620)		29'-0" (8839)	
10"	40	0.365	41'-0" (12497)	1" (25)	27'-0" (8230)		31'-0" (9449)	
12"	20	0.250	40'-0" (12192)	1" (25)	26'-0" (7925)		30'-0" (9144)	
12"	Std	0.375	44'-0" (13411)	1" (25)	29'-0" (8839)		33'-0" (10058)	
14"	10	0.250	42'-0" (12802)	1" (25)	27'-0" (8230)		31'-0" (9449)	
14"	Std	0.375	46'-0" (14021)	1" (25)	30'-0" (9144)		34'-0" (10363)	
16"	10	0.250	44'-0" (13411)	1" (25)	28'-0" (8534)		33'-0" (10058)	
16"	Std	0.375	48'-0" (14630)	1" (25)	31'-0" (9449)		36'-0" (10973)	
18"	10	0.250	45'-0" (13716)	1" (25)	29'-0" (8839)		34'-0" (10363)	
18"	Std	0.375	50'-0" (15240)	1" (25)	33'-0" (10058)		38'-0" (11582)	
20"	10	0.250	47'-0" (14326)	1" (25)	31'-0" (9449)		36'-0" (10973)	
20"	20	0.375	52'-0" (15850)	1" (25)	34'-0" (10363)		39'-0" (11887)	
24"	10	0.250	49'-0" (14935)	1" (25)	32'-0" (9754)		37'-0" (11278)	
24"	20	0.375	55'-0" (16764)	1" (25)	36'-0" (10973)		41'-0" (12497)	

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web complete chemistry for cambridge igcse answers educatalyst 9 page 11 core 5 a liquid state b ethanol c a cooling curve similar to the one in the question could be drawn with the horizontal regions at exactly 0 c and 100 c 6 a the particles are

held closely together in a fixed position often in the form of a lattice

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web most substances can exist in three states of matter so we re talking about solids liquids or gases now we re gonna say these forms of matter have an effect on physical properties which deal with physical appearance or state now with the states of matters we have two terms you should familiarize yourself with

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web broadly speaking there are five known states of matter viz the solid state the liquid state the gaseous state the plasma and the bose einstein condensate however in the face of increasing scientific knowledge this number is highly likely to change a state of a physical or a chemical system is determined by the values of certain

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web aug 19 2020 the four states of matter observed in everyday life are solids liquids gases and plasma other states of matter also exist although they require special conditions here is a look at the states of matter their properties and the names of phase transitions between them what is a state of matter

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pour la fermentation par mégarde il oublia que l'un des fûts contenait de l'alcool

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web pineau des charentes pineau or to be precise pineau des charentes is a fortified wine from cognac france less strong than cognac and much sweeter it is enjoyed as an aperitif pineau is a marriage between fresh grape juice and young eau de vie

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web pineau des charentes pineau charentais or simply pineau is a regional aperitif of western france made in the départements of charente charente maritime and to a lesser extent dordogne while popular within its region of production it is less well known in other regions of france and somewhat uncommon abroad

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web blanc nectar d oléron jeune aux parfums fruités découvrez la gamme de pineaux vignoble vincent l essentiel sur le pineau des charentes origine élaboration et une gamme exceptionnelle de pineau d oléron 2 ans 6 ans et 15 ans extra vieux

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web nous vous expliquons à travers cet article comment boire le pineau des charentes pour apprécier la saveur de ce vin de liqueur si particulier vous découvrirez également avec quels mets il se marie le mieux l histoire étonnante de ce vin de liqueur le pineau des charentes provient de la vigne mais aussi d une histoire particulière

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