



# Limiting Wall Height Tables

## Composite Interior Non-Structural Tables For Steel Stud Partitions

### 18 MIL THICKNESS STUDS:

Stud Size	Deflection Limit	Lateral Pressure = 5 PSF Stud Spacing (in OC)			Lateral Pressure = 7.5 PSF Stud Spacing (in OC)			Lateral Pressure = 10 PSF Stud Spacing (in OC)		
		12"	16"	24"	12"	16"	24"	12"	16"	24"
		1 5/8"	L/120	11' 2"	10' 7"	9' 9"	9' 9"	8' 10"	8' 0"	8' 10"
	L/240	8' 10"	8' 4"	7' 11"	N/A	N/A	N/A	N/A	N/A	N/A
	L/360	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 1/2"	L/120	15' 1"	13' 3"	11' 10"	12' 4"	10' 10"	9' 8"	10' 9"	9' 5"	8' 5"
	L/240	11' 1"	11' 3"	10' 7"	10' 5"	9' 10"	9' 3"	N/A	N/A	N/A
	L/360	9' 0"	8' 5"	7' 8"	N/A	N/A	N/A	N/A	N/A	N/A
3 1/2-5/8"	L/120	17' 8"	15' 4"	13' 9"	14' 3"	12' 5"	11' 0"	12' 5"	10' 9"	9' 5"
	L/240	15' 4"	14' 4"	13' 5"	13' 3"	12' 5"	11' 0"	12' 0"	10' 9"	9' 5"
	L/360	13' 3"	12' 4"	11' 7"	11' 7"	10' 10"	10' 1"	10' 5"	9' 9"	9' 1"
4"	L/120	19' 6"	17' 2"	15' 1"	15' 9"	13' 10"	12' 1"	13' 8"	11' 11"	10' 5"
	L/240	16' 5"	15' 4"	14' 2"	14' 4"	13' 4"	12' 1"	13' 0"	11' 11"	10' 5"
	L/360	14' 4"	13' 4"	12' 4"	12' 6"	11' 8"	10' 9"	11' 4"	10' 6"	9' 9"
6"	L/120	22' 10"	19' 9"	16' 9"	18' 7"	16' 2"	13' 5"	16' 2"	14' 0"	11' 5"
	L/240	22' 1"	19' 9"	16' 9"	18' 7"	16' 2"	13' 5"	16' 2"	14' 0"	11' 5"
	L/360	19' 4"	17' 11"	16' 9"	16' 9"	15' 7"	13' 5"	15' 0"	13' 10"	11' 5"

(continued on back)

### 30 MIL THICKNESS STUDS:

Stud Size	Deflection Limit	Lateral Pressure = 5 PSF Stud Spacing (in OC)			Lateral Pressure = 7.5 PSF Stud Spacing (in OC)			Lateral Pressure = 10 PSF Stud Spacing (in OC)		
		12"	16"	24"	12"	16"	24"	12"	16"	24"
1 5/8"	L/120	12' 5"	11' 6"	10' 5"	10' 10"	10' 1"	9' 2"	9' 11"	9' 2"	8' 3"
	L/240	9' 11"	9' 2"	8' 3"	N/A	N/A	N/A	N/A	N/A	N/A
	L/360	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2 1/2"	L/120	16' 8"	15' 4"	13' 9"	14' 7"	13' 4"	11' 11"	13' 2"	12' 1"	10' 9"
	L/240	13' 2"	12' 1"	10' 9"	11' 6"	10' 6"	9' 4"	10' 5"	9' 6"	8' 6"
	L/360	11' 6"	10' 6"	9' 4"	10' 0"	9' 2"	8' 1"	9' 1"	8' 4"	7' 4"
3 1/2–5/8"	L/120	21' 8"	19' 11"	17' 9"	18' 1"	17' 5"	15' 6"	17' 1"	15' 8"	14' 0"
	L/240	17' 11"	15' 8"	14' 0"	14' 10"	13' 7"	12' 0"	13' 5"	12' 3"	10' 10"
	L/360	14' 10"	13' 7"	12' 0"	12' 10"	11' 9"	10' 5"	11' 8"	10' 7"	9' 4"
4"	L/120	24' 0"	22' 0"	19' 8"	20' 11"	19' 3"	17' 1"	19' 0"	17' 6"	14' 9"
	L/240	19' 0"	17' 6"	15' 7"	16' 6"	15' 2"	13' 5"	14' 11"	13' 8"	12' 1"
	L/360	16' 6"	15' 2"	13' 5"	14' 4"	13' 1"	11' 7"	12' 11"	11' 10"	10' 5"
6"	L/120	32' 1"	29' 2"	25' 1"	28' 0"	24' 9"	20' 6"	24' 7"	21' 5"	17' 9"
	L/240	25' 6"	23' 2"	20' 3"	22' 3"	20' 3"	17' 8"	20' 3"	18' 4"	16' 0"
	L/360	22' 3"	20' 3"	17' 8"	19' 5"	17' 8"	15' 5"	17' 6"	15' 10"	13' 8"

### 33 MIL THICKNESS STUDS:

Stud Size	Deflection Limit	Lateral Pressure = 5 PSF Stud Spacing (in OC)			Lateral Pressure = 7.5 PSF Stud Spacing (in OC)			Lateral Pressure = 10 PSF Stud Spacing (in OC)		
		12"	16"	24"	12"	16"	24"	12"	16"	24"
1 5/8"	L/120	13' 0"	12' 1"	11' 1"	11' 4"	10' 7"	9' 7"	10' 4"	9' 8"	8' 9"
	L/240	10' 4"	9' 8"	8' 9"	9' 0"	8' 5"	7' 8"	N/A	N/A	N/A
	L/360	10' 4"	9' 8"	8' 9"	N/A	N/A	N/A	N/A	N/A	N/A
2 1/2"	L/120	17' 9"	16' 5"	14' 10"	15' 6"	14' 4"	13' 0"	13' 11"	12' 11"	11' 7"
	L/240	15' 11"	12' 10"	11' 7"	12' 1"	11' 2"	10' 0"	10' 11"	10' 0"	8' 11"
	L/360	12' 1"	11' 2"	10' 0"	10' 6"	9' 8"	8' 7"	9' 5"	8' 8"	7' 5"
3 1/2–5/8"	L/120	22' 6"	20' 8"	18' 6"	19' 8"	18' 1"	16' 2"	17' 10"	16' 5"	14' 9"
	L/240	17' 10"	16' 5"	14' 9"	15' 6"	14' 3"	12' 9"	14' 1"	12' 11"	11' 7"
	L/360	15' 6"	14' 3"	12' 9"	13' 7"	12' 6"	11' 2"	12' 4"	11' 4"	10' 1"
4"	L/120	25' 1"	23' 1"	20' 9"	21' 11"	20' 2"	18' 1"	19' 11"	18' 4"	16' 5"
	L/240	19' 11"	18' 4"	16' 5"	17' 4"	15' 11"	14' 3"	15' 8"	14' 5"	12' 10"
	L/360	17' 4"	15' 11"	14' 3"	15' 0"	13' 9"	12' 4"	N/A	N/A	N/A
6"	L/120	33' 9"	30' 10"	27' 2"	29' 6"	27' 0"	23' 10"	25' 9"	24' 6"	19' 1"
	L/240	26' 9"	24' 6"	21' 7"	23' 5"	21' 4"	18' 10"	21' 3"	19' 5"	17' 2"
	L/360	23' 5"	21' 4"	18' 10"	20' 6"	18' 9"	16' 7"	18' 7"	17' 0"	15' 0"

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