

Maximum Bridging Distance (Ft.)

16 Ga. Snap Lock													
Stud Spacing (In.)	Stud Section (In.)	Stud Thickness Mil. (Ga.)	Lateral Stud Pressure (Psf.)										
			5	10	15	20	25	30	35	40	45	50	
16	362S162	33 (20)	8	8	8	8	8	6	6	5	4	4	
		43 (18)	8	8	8	8	8	8	8	7	6	6	
		54 (16)	8	8	8	8	8	8	8	8	8	8	8
		68 (14)	8	8	8	8	8	8	8	8	8	8	8
	362S200	33 (20)	8	8	8	8	7	6	5	4	4	-	-
		43 (18)	8	8	8	8	8	8	7	6	6	5	4
		54 (16)	8	8	8	8	8	8	8	8	8	8	7
		68 (14)	8	8	8	8	8	8	8	8	8	8	8
	600S162	33 (20)	8	8	8	8	8	8	8	7	6	6	5
		43 (18)	8	8	8	8	8	8	8	8	8	8	8
		54 (16)	8	8	8	8	8	8	8	8	8	8	8
		68 (14)	8	8	8	8	8	8	8	8	8	8	8
	600S200	33 (20)	8	8	8	8	8	8	6	6	5	4	4
		43 (18)	8	8	8	8	8	8	8	8	8	8	8
		54 (16)	8	8	8	8	8	8	8	8	8	8	8
		68 (14)	8	8	8	8	8	8	8	8	8	8	8
	800S162	33 (20)	8	8	8	8	8	8	7	6	5	4	4
		43 (18)	8	8	8	8	8	8	8	8	8	7	7
		54 (16)	8	8	8	8	8	8	8	8	8	8	8
		68 (14)	8	8	8	8	8	8	8	8	8	8	8
	800S200	33 (20)	8	8	8	7	6	5	4	4	-	-	-
		43 (18)	8	8	8	8	8	8	8	7	6	5	5
		54 (16)	8	8	8	8	8	8	8	8	8	8	8
		68 (14)	8	8	8	8	8	8	8	8	8	8	8
24	362S162	33 (20)	8	8	8	6	5	4	4	-	-	-	
		43 (18)	8	8	8	8	8	6	6	5	4	4	
		54 (16)	8	8	8	8	8	8	8	7	7	6	
		68 (14)	8	8	8	8	8	8	8	8	8	8	7
	362S200	33 (20)	8	8	7	5	4	-	-	-	-	-	
		43 (18)	8	8	8	7	6	5	4	4	-	-	
		54 (16)	8	8	8	8	8	8	7	6	5	5	
		68 (14)	8	8	8	8	8	8	7	6	6	5	
	600S162	33 (20)	8	8	8	8	7	6	5	4	4	-	
		43 (18)	8	8	8	8	8	8	8	8	8	7	
		54 (16)	8	8	8	8	8	8	8	8	8	7	
		68 (14)	8	8	8	8	8	8	8	8	8	8	
	600S200	33 (20)	8	8	8	6	5	4	4	-	-	-	
		43 (18)	8	8	8	8	8	8	8	7	6	6	
		54 (16)	8	8	8	8	8	8	8	7	6	6	
		68 (14)	8	8	8	8	8	8	8	7	6	6	
	800S162	33 (20)	8	8	8	7	5	4	4	-	-	-	
		43 (18)	8	8	8	8	8	7	6	5	5	4	
		54 (16)	8	8	8	8	8	8	8	8	8	7	
		68 (14)	8	8	8	8	8	8	8	8	8	8	
	800S200	33 (20)	8	8	7	5	4	-	-	-	-	-	
		43 (18)	8	8	8	8	6	5	5	4	4	-	
		54 (16)	8	8	8	8	8	8	7	7	6	5	
		68 (14)	8	8	8	8	8	8	8	8	8	7	

Yellow - Instances where Snap Lock's greater spacing intervals can result in fewer runs required when compared to Spazzer Bar*.

Green - Spazzer Bar* has no published testing numbers, whereas Snap Lock does.

Example Diagram on Back

Notes:

- Tabulated maximum bridging distances are for ASD lateral pressures.
- Tabulated maximum bridging distances are based on the tested connection strength.
- Studs must be checked for unbraced length separately.
- Lateral pressures shall be determined based on the load combinations of the applicable building code.
- For designs using 2009 IBC and earlier, wind pressures are at the working stress level and may be used directly.
- For designs using 2012 IBC and 2015 IBC, wind pressures must be multiplied by 0.6 for ASD load combinations.

**Per published ClarkDietrich information as of 3/24/2023.*

16 Ga. Snap Lock Compared to 16 Ga. Spazzer Bar*

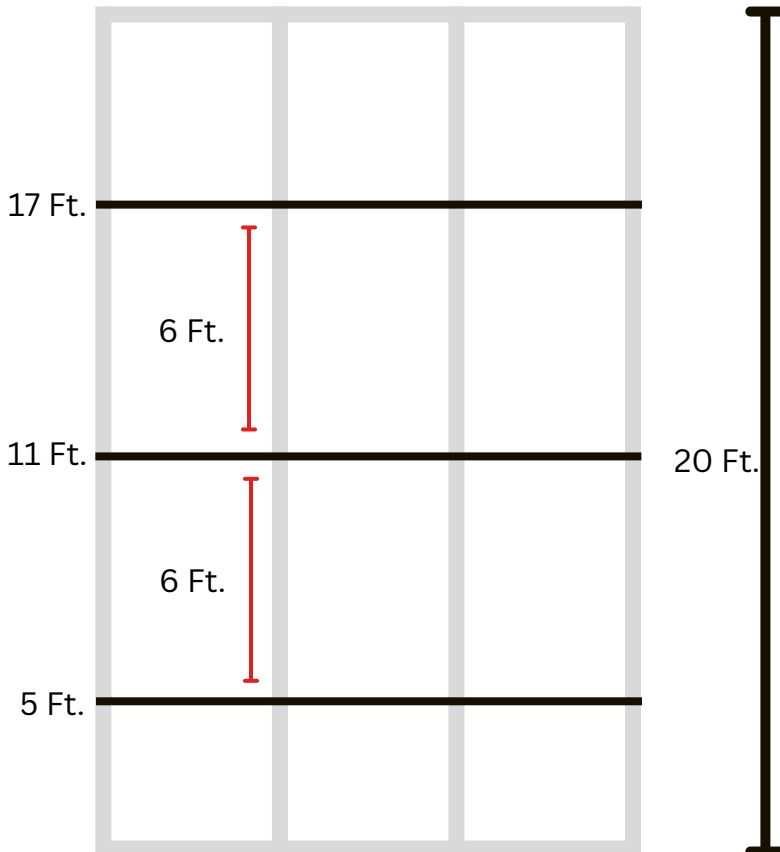
Key Notes of Chart

- 1. Bridging can be installed horizontally through the stud knock-outs which are located at 2 Ft. spacing
- 2. The numbers in the chart (8, 7, 6, 5, 4) explain how far apart in feet the rows of bridging (Snap Lock), can be installed per the test results, to achieve the required lateral stud pressure for the specific job.
- 3. Lateral stud pressure in Pounds Per Square Foot (Psf.) of covered wall is noted at the top of the columns.

Example Comparison Diagram

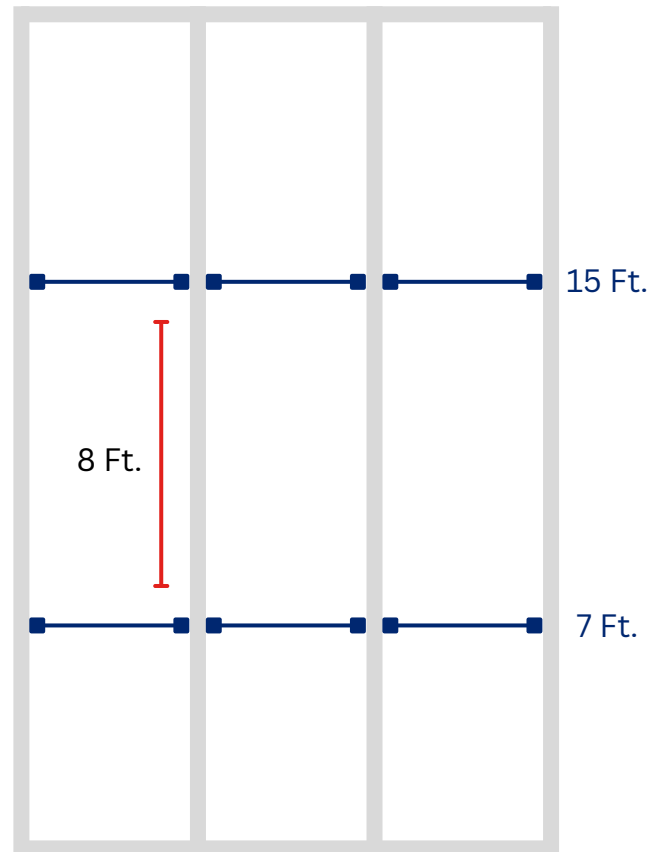
16 Ga. Spazzer Bar

For a 20 Ft. wall at 15 Psf., 3 rows of Spazzer Bar at a maximum of 6 Ft. apart is required to satisfy job requirements.



16 Ga. Snap Lock

For a 20 Ft. wall at 15 Psf., 2 rows of Snap Lock at a maximum of 8 Ft. apart is required to satisfy job requirements



Maximum Bridging Distance (Ft.)

20 Ga. Snap Lock												
Stud Spacing (In.)	Stud Section (In.)	Stud Thickness Mil. (Ga.)	Lateral Stud Pressure (Psf.)									
			5	10	15	20	25	30	35	40	45	50
16	362S162	33 (20)	8	8	8	8	7	6	5	4	4	-
		43 (18)	8	8	8	8	8	7	6	5	5	4
		54 (16)	8	8	8	8	8	8	8	7	6	6
	362S200	33 (20)	8	8	8	6	5	4	4	-	-	-
		43 (18)	8	8	8	8	6	5	4	4	-	-
		54 (16)	8	8	8	8	8	7	6	5	5	4
	600S162	33 (20)	8	8	8	8	7	6	5	4	4	4
		43 (18)	8	8	8	8	8	8	8	7	7	6
		54 (16)	8	8	8	8	8	8	8	8	7	6
	600S200	33 (20)	8	8	8	7	5	4	4	-	-	-
		43 (18)	8	8	8	8	8	7	6	6	5	4
		54 (16)	8	8	8	8	8	7	6	6	5	4
	800S162	33 (20)	8	8	6	4	4	-	-	-	-	-
		43 (18)	8	8	7	6	4	4	-	-	-	-
		54 (16)	8	8	8	6	5	4	4	-	-	-
	800S200	33 (20)	8	7	4	-	-	-	-	-	-	-
		43 (18)	8	8	5	4	-	-	-	-	-	-
		54 (16)	8	8	6	5	4	-	-	-	-	-
24	362S162	33 (20)	8	8	7	6	4	4	-	-	-	-
		43 (18)	8	8	8	7	5	5	4	-	-	-
		54 (16)	8	8	8	8	7	6	5	5	4	4
	362S200	33 (20)	8	8	6	4	-	-	-	-	-	-
		43 (18)	8	8	7	5	4	-	-	-	-	-
		54 (16)	8	8	8	7	6	5	4	4	-	-
	600S162	33 (20)	8	8	8	6	5	4	-	-	-	-
		43 (18)	8	8	8	8	8	7	6	5	4	4
		54 (16)	8	8	8	8	8	7	6	5	4	4
	600S200	33 (20)	8	8	6	4	4	-	-	-	-	-
		43 (18)	8	8	8	7	6	5	4	4	-	-
		54 (16)	8	8	8	7	6	5	4	4	-	-
	800S162	33 (20)	8	6	4	4	-	-	-	-	-	-
		43 (18)	8	7	5	4	-	-	-	-	-	-
		54 (16)	8	8	6	4	-	-	-	-	-	-
	800S200	33 (20)	8	4	-	-	-	-	-	-	-	-
		43 (18)	8	5	4	-	-	-	-	-	-	-
		54 (16)	8	6	4	-	-	-	-	-	-	-

Yellow - Instances where Snap Lock's greater spacing intervals can result in fewer runs required when compared to Spazzer Bar*.

Green - Spazzer Bar* has no published testing numbers, whereas Snap Lock does.

Example Diagram on Back

Notes:

- Tabulated maximum bridging distances are for ASD lateral pressures.
- Tabulated maximum bridging distances are based on the tested connection strength.
- Studs must be checked for unbraced length separately.
- Lateral pressures shall be determined based on the load combinations of the applicable building code.
- For designs using 2009 IBC and earlier, wind pressures are at the working stress level and may be used directly.
- For designs using 2012 IBC and 2015 IBC, wind pressures must be multiplied by 0.6 for ASD load combinations.

**Per published ClarkDietrich information as of 3/24/2023.*

20 Ga. Snap Lock Compared to 18 Ga. Spazzer Bar*

Key Notes of Chart

1. Bridging can be installed horizontally through the stud knock-outs which are located at 2 Ft. spacing
2. The numbers in the chart (8, 7, 6, 5, 4) explain how far apart in feet the rows of bridging (Snap Lock), can be installed per the test results, to achieve the required lateral stud pressure for the specific job.
3. Lateral stud pressure in Pounds Per Square Foot (Psf.) of covered wall is noted at the top of the columns.

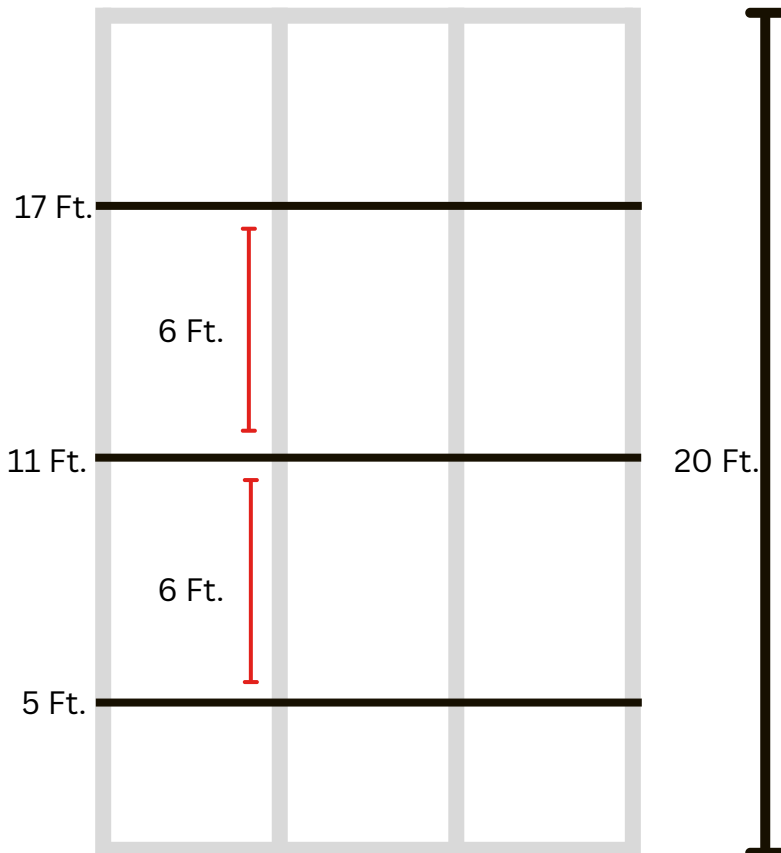
*Note in the below example, 20 Ga. Snap Lock is being compared to 18 Ga. Spazzer Bar**

Example Comparison Diagram

**Per published ClarkDietrich information as of 3/24/2023.*

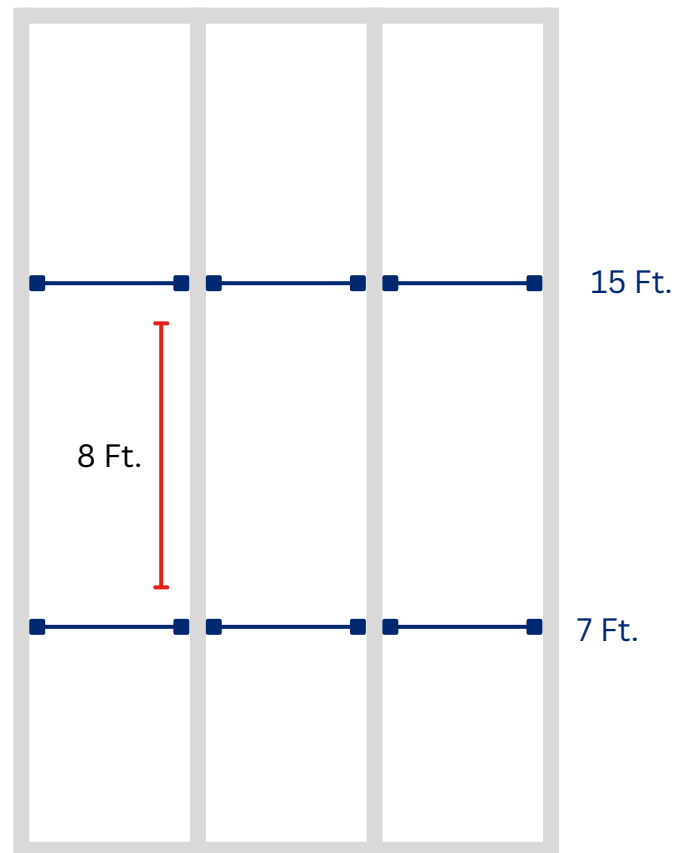
18 Ga. Spazzer Bar*

For a 20 Ft. wall at 5 Psf., 3 rows of Spazzer Bar at a maximum of 6 Ft. apart is required to satisfy job requirements.



20 Ga. Snap Lock

For a 20 Ft. wall at 5 Psf., 2 rows of Snap Lock at a maximum of 8 Ft. apart is required to satisfy job requirements



Maximum Bridging Distance (Ft.)

20 Ga. Snap Lock												
Stud Spacing (In.)	Stud Section (In.)	Stud Thickness Mil. (Ga.)	Lateral Stud Pressure (Psf.)									
			5	10	15	20	25	30	35	40	45	50
16	362S162	33 (20)	8	8	8	8	7	6	5	4	4	-
		43 (18)	8	8	8	8	8	7	6	5	5	4
		54 (16)	8	8	8	8	8	8	8	7	6	6
	362S200	33 (20)	8	8	8	6	5	4	4	-	-	-
		43 (18)	8	8	8	8	6	5	4	4	-	-
		54 (16)	8	8	8	8	8	7	6	5	5	4
	600S162	33 (20)	8	8	8	8	7	6	5	4	4	4
		43 (18)	8	8	8	8	8	8	8	7	7	6
		54 (16)	8	8	8	8	8	8	8	8	7	6
	600S200	33 (20)	8	8	8	7	5	4	4	-	-	-
		43 (18)	8	8	8	8	8	7	6	6	5	4
		54 (16)	8	8	8	8	8	7	6	6	5	4
	800S162	33 (20)	8	8	6	4	4	-	-	-	-	-
		43 (18)	8	8	7	6	4	4	-	-	-	-
		54 (16)	8	8	8	6	5	4	4	-	-	-
	800S200	33 (20)	8	7	4	-	-	-	-	-	-	-
		43 (18)	8	8	5	4	-	-	-	-	-	-
		54 (16)	8	8	6	5	4	-	-	-	-	-
24	362S162	33 (20)	8	8	7	6	4	4	-	-	-	-
		43 (18)	8	8	8	7	5	5	4	-	-	-
		54 (16)	8	8	8	8	7	6	5	5	4	4
	362S200	33 (20)	8	8	6	4	-	-	-	-	-	-
		43 (18)	8	8	7	5	4	-	-	-	-	-
		54 (16)	8	8	8	7	6	5	4	4	-	-
	600S162	33 (20)	8	8	8	6	5	4	-	-	-	-
		43 (18)	8	8	8	8	8	7	6	5	4	4
		54 (16)	8	8	8	8	8	7	6	5	4	4
	600S200	33 (20)	8	8	6	4	4	-	-	-	-	-
		43 (18)	8	8	8	7	6	5	4	4	-	-
		54 (16)	8	8	8	7	6	5	4	4	-	-
	800S162	33 (20)	8	6	4	4	-	-	-	-	-	-
		43 (18)	8	7	5	4	-	-	-	-	-	-
		54 (16)	8	8	6	4	-	-	-	-	-	-
	800S200	33 (20)	8	4	-	-	-	-	-	-	-	-
		43 (18)	8	5	4	-	-	-	-	-	-	-
		54 (16)	8	6	4	-	-	-	-	-	-	-

Yellow - Instances where Snap Lock's greater spacing intervals can result in fewer runs required when compared to Spazzer Bar*.

Green - Spazzer Bar* has no published testing numbers, whereas Snap Lock does.

Example Diagram on Back

Notes:

- Tabulated maximum bridging distances are for ASD lateral pressures.
- Tabulated maximum bridging distances are based on the tested connection strength.
- Studs must be checked for unbraced length separately.
- Lateral pressures shall be determined based on the load combinations of the applicable building code.
- For designs using 2009 IBC and earlier, wind pressures are at the working stress level and may be used directly.
- For designs using 2012 IBC and 2015 IBC, wind pressures must be multiplied by 0.6 for ASD load combinations.

**Per published ClarkDietrich information as of 3/24/2023.*

20 Ga. Snap Lock Compared to 16 Ga. Spazzer Bar*

Key Notes of Chart

1. Bridging can be installed horizontally through the stud knock-outs which are located at 2 Ft. spacing
2. The numbers in the chart (8, 7, 6, 5, 4) explain how far apart in feet the rows of bridging (Snap Lock), can be installed per the test results, to achieve the required lateral stud pressure for the specific job.
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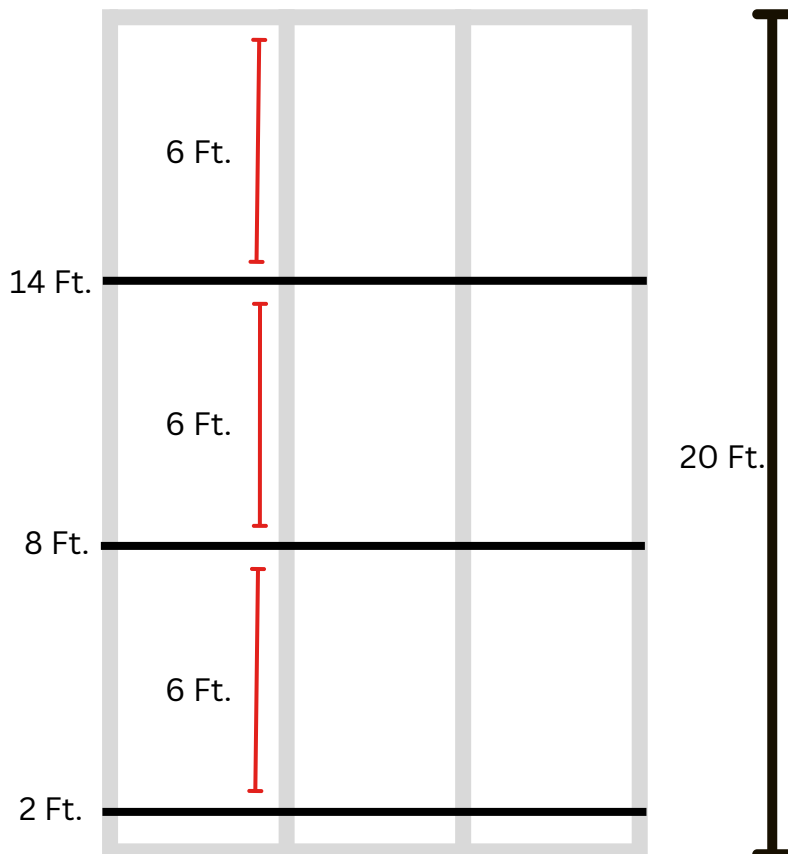
Note in the below example, 20 Ga. Snap Lock is being compared to 16 Ga. Spazzer Bar.*

Example Comparison Diagram

**Per published ClarkDietrich information as of 3/24/2023.*

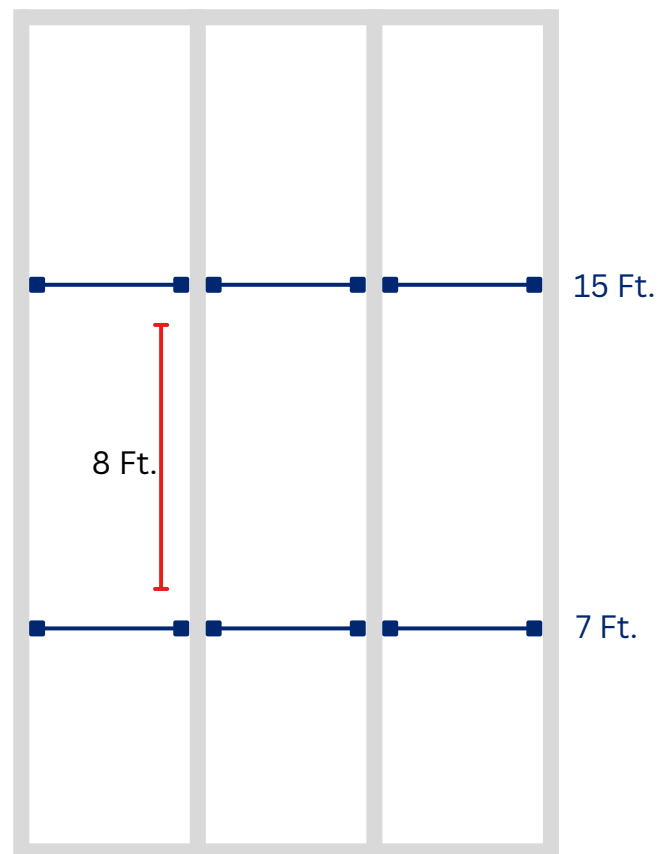
16 Ga. Spazzer Bar*

For a 20 Ft. wall at 20 Psf., 3 rows of Spazzer Bar at a maximum of 6 Ft. apart is required to satisfy job requirements.



20 Ga. Snap Lock

For a 20 Ft. wall at 20 Psf., 2 rows of Snap Lock at a maximum of 8 Ft. apart is required to satisfy job requirements



Maximum Bridging Distance (Ft.)

20 Ga. Snap Lock												
Stud Spacing	Stud Section	Stud Thickness	Lateral Stud Pressure (Psf.)									
(In.)	(In.)	Mil. (Ga.)	5	10	15	20	25	30	35	40	45	50
16	362S162	33 (20)	8	8	8	8	7	6	5	4	4	-
		43 (18)	8	8	8	8	8	7	6	5	5	4
		54 (16)	8	8	8	8	8	8	8	7	6	6
	362S200	33 (20)	8	8	8	6	5	4	4	-	-	-
		43 (18)	8	8	8	8	6	5	4	4	-	-
		54 (16)	8	8	8	8	8	7	6	5	5	4
	600S162	33 (20)	8	8	8	8	7	6	5	4	4	4
		43 (18)	8	8	8	8	8	8	8	7	7	6
		54 (16)	8	8	8	8	8	8	8	8	7	6
	600S200	33 (20)	8	8	8	7	5	4	4	-	-	-
		43 (18)	8	8	8	8	8	7	6	6	5	4
		54 (16)	8	8	8	8	8	7	6	6	5	4
	800S162	33 (20)	8	8	6	4	4	-	-	-	-	-
		43 (18)	8	8	7	6	4	4	-	-	-	-
		54 (16)	8	8	8	6	5	4	4	-	-	-
	800S200	33 (20)	8	7	4	-	-	-	-	-	-	-
		43 (18)	8	8	5	4	-	-	-	-	-	-
		54 (16)	8	8	6	5	4	-	-	-	-	-
24	362S162	33 (20)	8	8	7	6	4	4	-	-	-	-
		43 (18)	8	8	8	7	5	5	4	-	-	-
		54 (16)	8	8	8	8	7	6	5	5	4	4
	362S200	33 (20)	8	8	6	4	-	-	-	-	-	-
		43 (18)	8	8	7	5	4	-	-	-	-	-
		54 (16)	8	8	8	7	6	5	4	4	-	-
	600S162	33 (20)	8	8	8	6	5	4	-	-	-	-
		43 (18)	8	8	8	8	8	7	6	5	4	4
		54 (16)	8	8	8	8	8	7	6	5	4	4
	600S200	33 (20)	8	8	6	4	4	-	-	-	-	-
		43 (18)	8	8	8	7	6	5	4	4	-	-
		54 (16)	8	8	8	7	6	5	4	4	-	-
	800S162	33 (20)	8	6	4	4	-	-	-	-	-	-
		43 (18)	8	7	5	4	-	-	-	-	-	-
		54 (16)	8	8	6	4	-	-	-	-	-	-
	800S200	33 (20)	8	4	-	-	-	-	-	-	-	-
		43 (18)	8	5	4	-	-	-	-	-	-	-
		54 (16)	8	6	4	-	-	-	-	-	-	-

Green - 20 Ga. Spazzer Bar* has no testing numbers. Period.

- Notes:**
- Tabulated maximum bridging distances are for ASD lateral pressures.
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 - Studs must be checked for unbraced length separately.
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