Extrusion: **E14305_E15312**

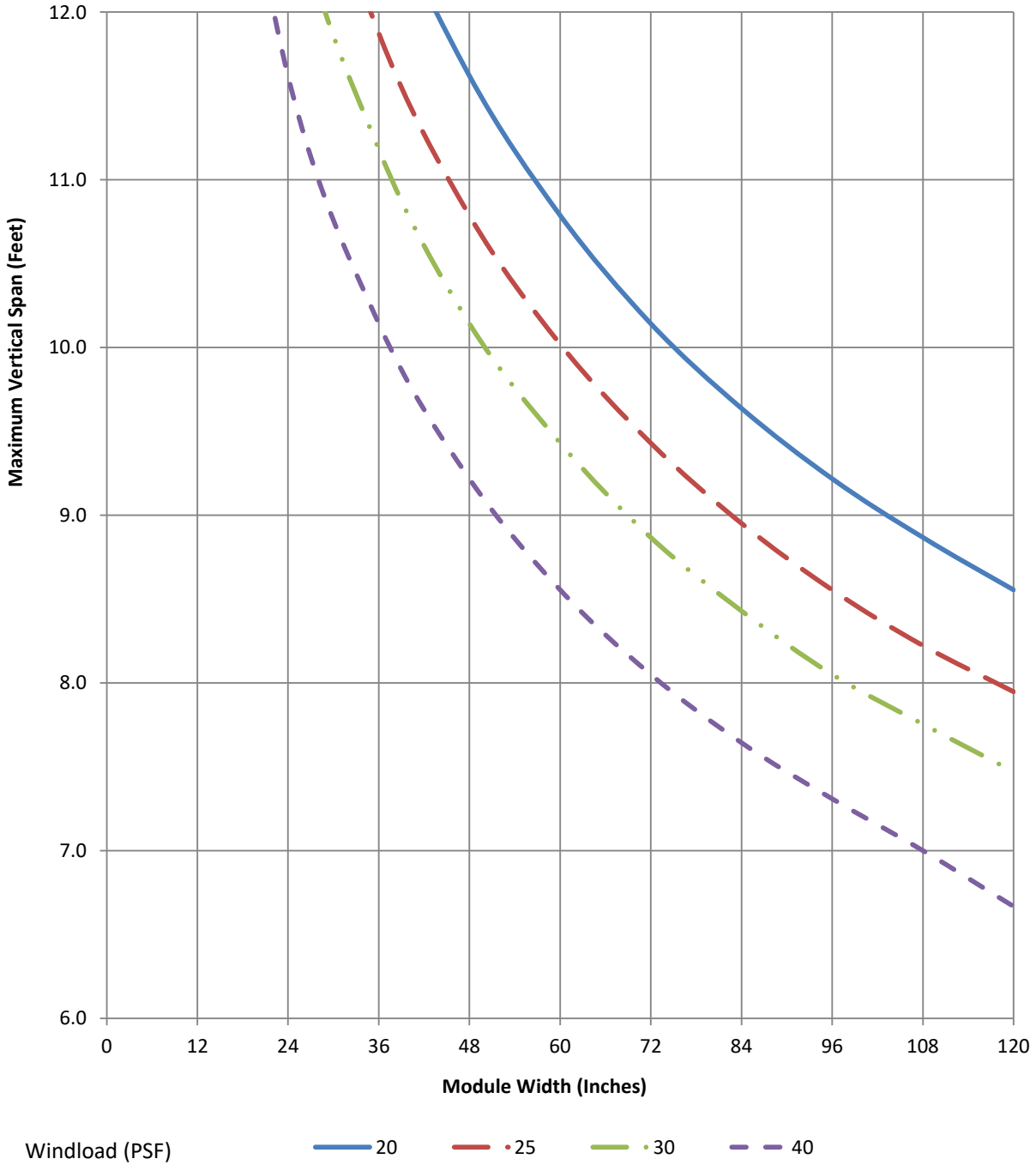
System: E14000IO

Typical Use: Door Jamb_I/O PLANE, 4-1/2" SHALLOW POCKET FILLER

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.1334	0.4059	1.81814	0.73558	1.54949	0.48556	0.0003	0.0065	1.572	2.3359

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion: **E14341**

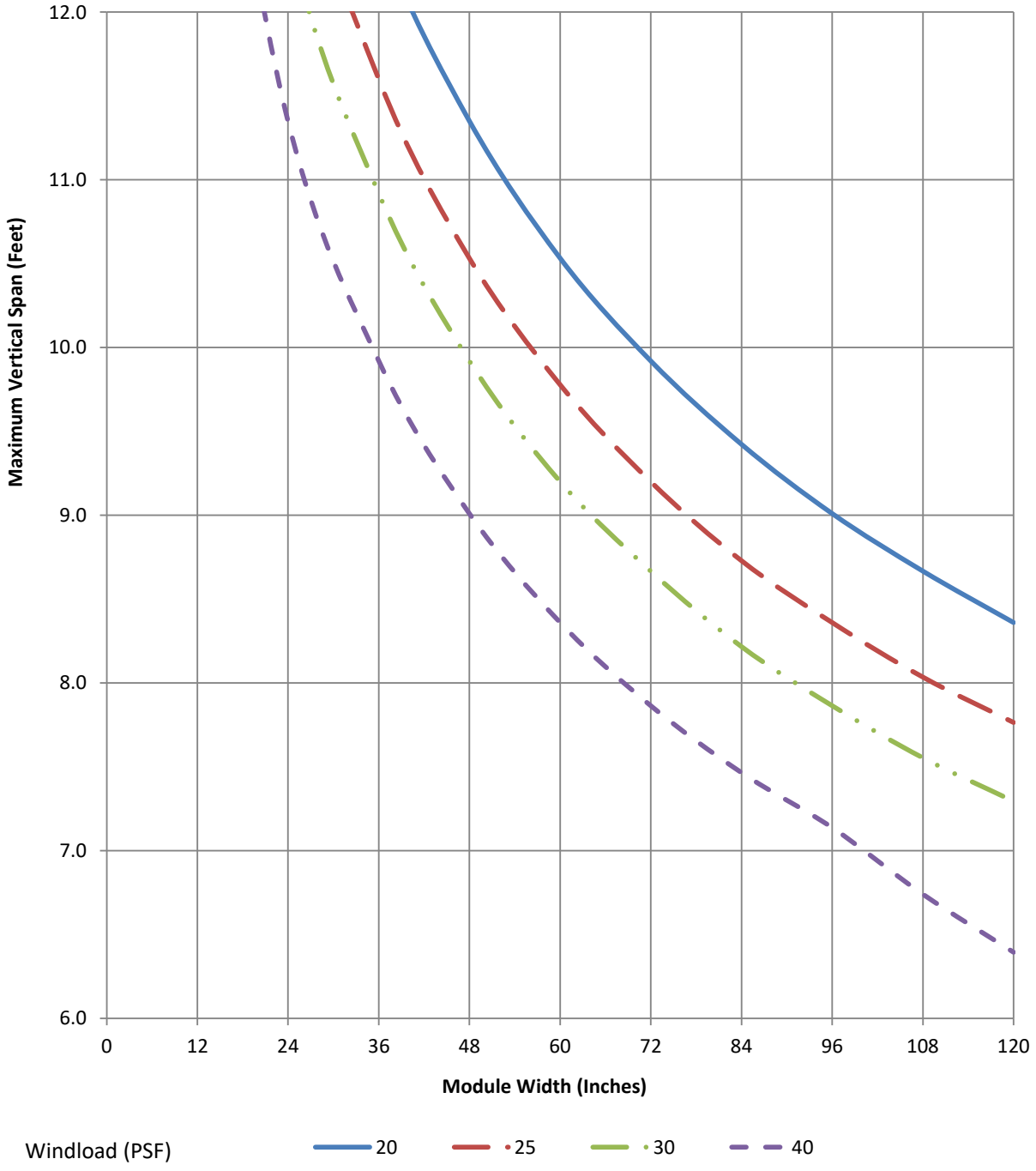
System: E14000IO

Typical Use: Tubular Door Jamb

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.845	0.87	1.619	0.9604	1.517	0.7214	-1.146	1.131	1.751	2.181

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion: **E15306_E15302**

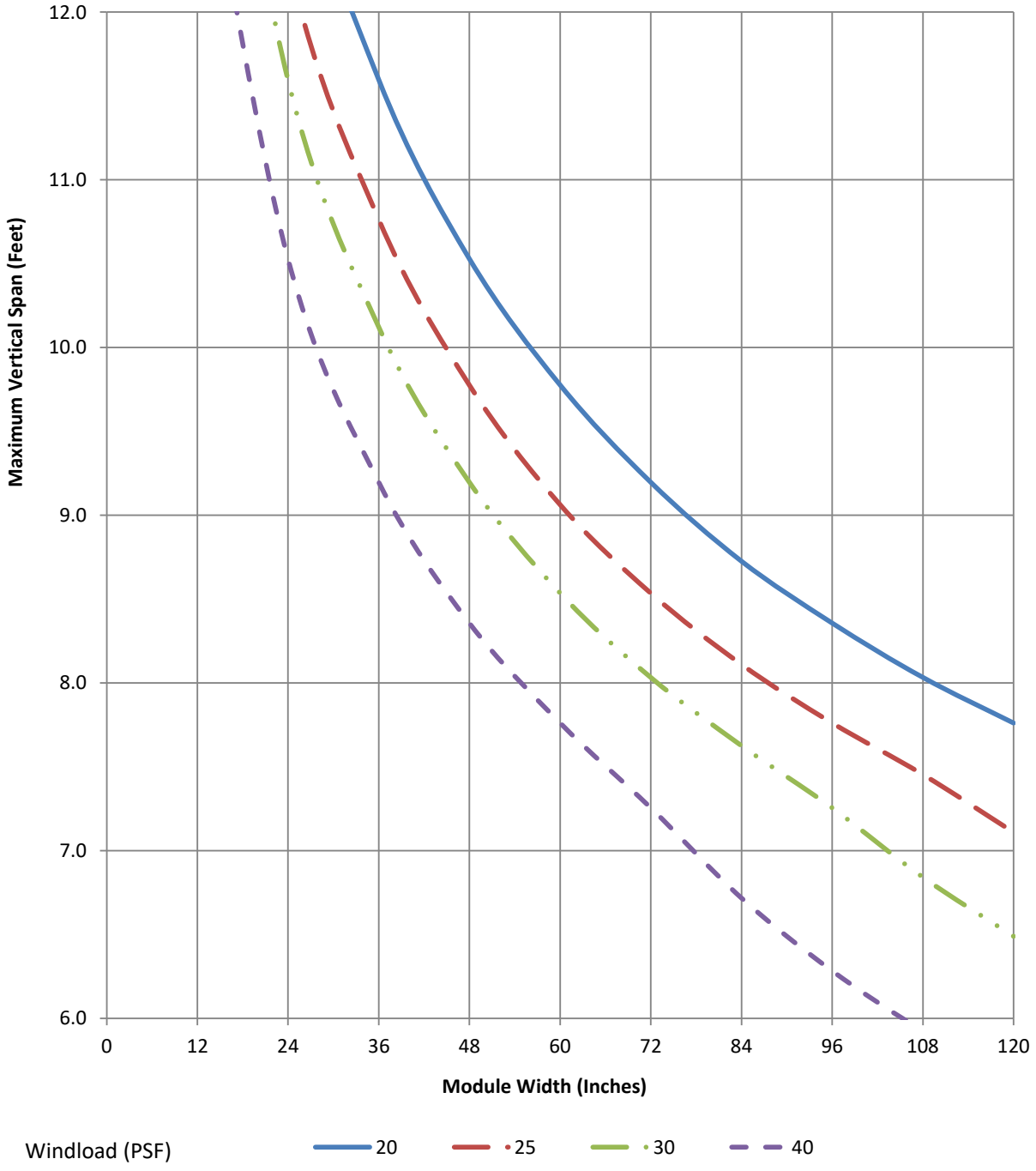
System: E14000IO

Typical Use: I/O Plane, 2" x 4-1/2" Vertical_IO Plane, 4-1/2" Vertical Mullion Filler

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.0727	0.4875	1.2507	0.42763	1.46203	0.58235	-0.0516	0.0037	2.2775	1.7247

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion: **E15311_E15342**

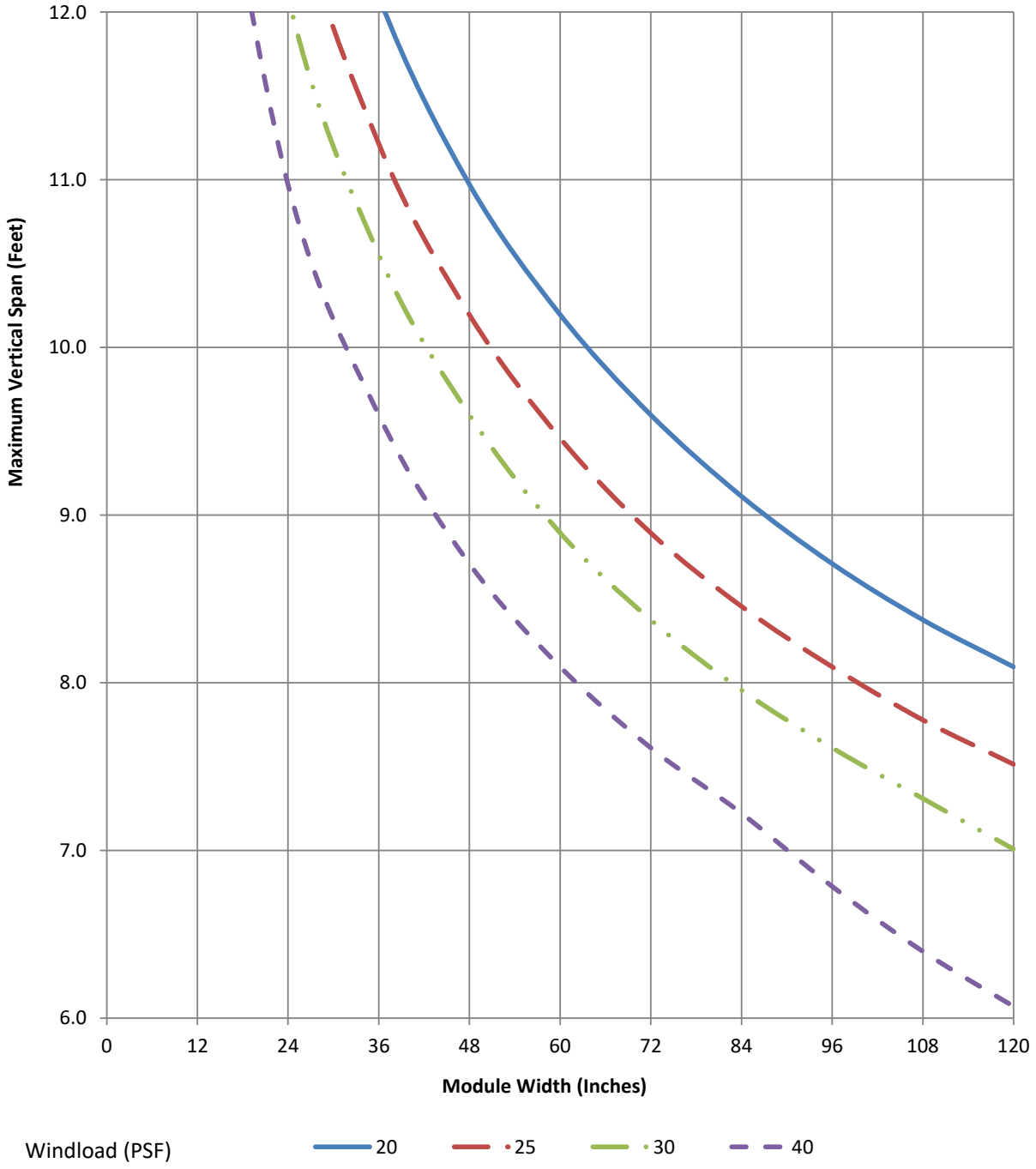
System: E14000IO

Typical Use: I/O Plane, 4-1/2" Vertical Half, Use With 15342 Filler_I/O Plane, 2" x 4-1/2" Non-Thermal Shallow Pocket Filler

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.4862	0.3567	1.45867	0.49857	1.51068	0.48322	-1.069	0.0036	1.8766	1.9716

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion: **E15336_E15346**

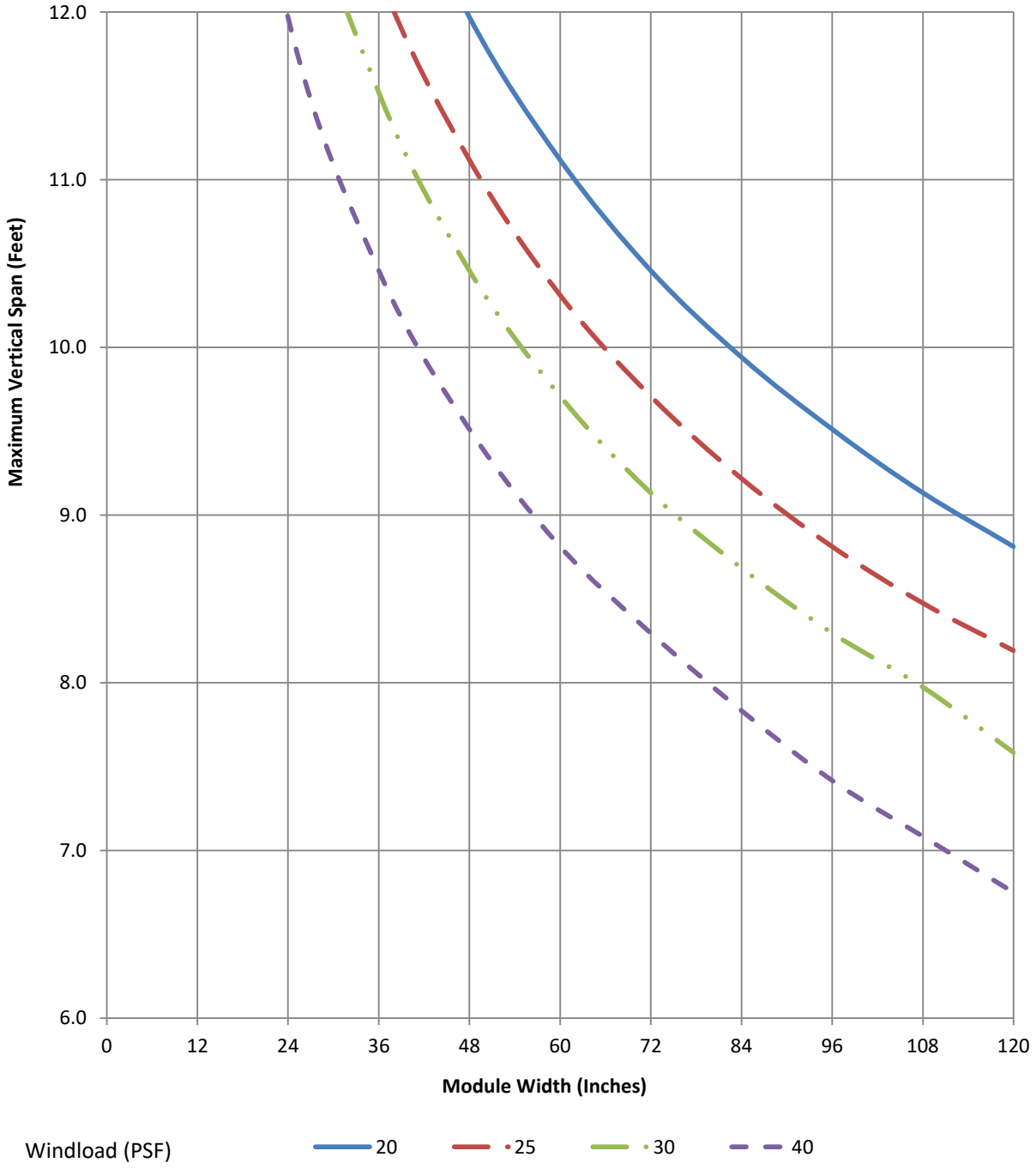
System: E14000IO

Typical Use: I/O Plane, 4-1/2" Expansion Vertical - Male_I/O Plane, 4-1/2" Expansion Vertical - Female

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.523	0.342	1.82551	0.4907	1.58526	0.43591	-0.8786	0.0042	1.9733	2.467

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion: **E15356_E15302**

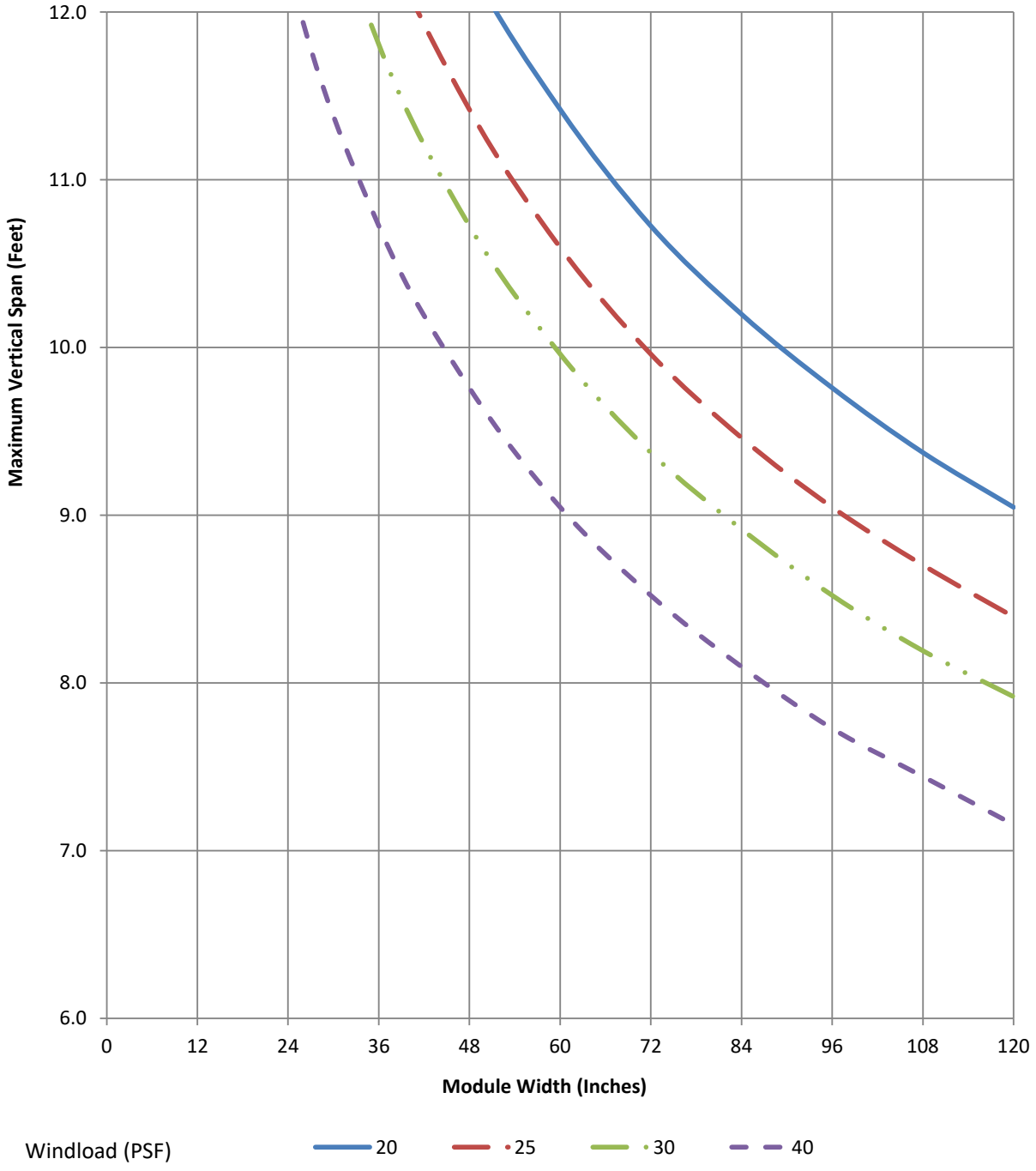
System: E14000

Typical Use: I/O Plane, 2" x 4-1/2" Heavy Vertical_IO Plane, 4-1/2" Vertical Mullion Filler

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.8857	0.6056	2.02739	0.54346	1.61573	0.56885	-0.1386	0.0161	2.9125	2.5917

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion: **E15366**

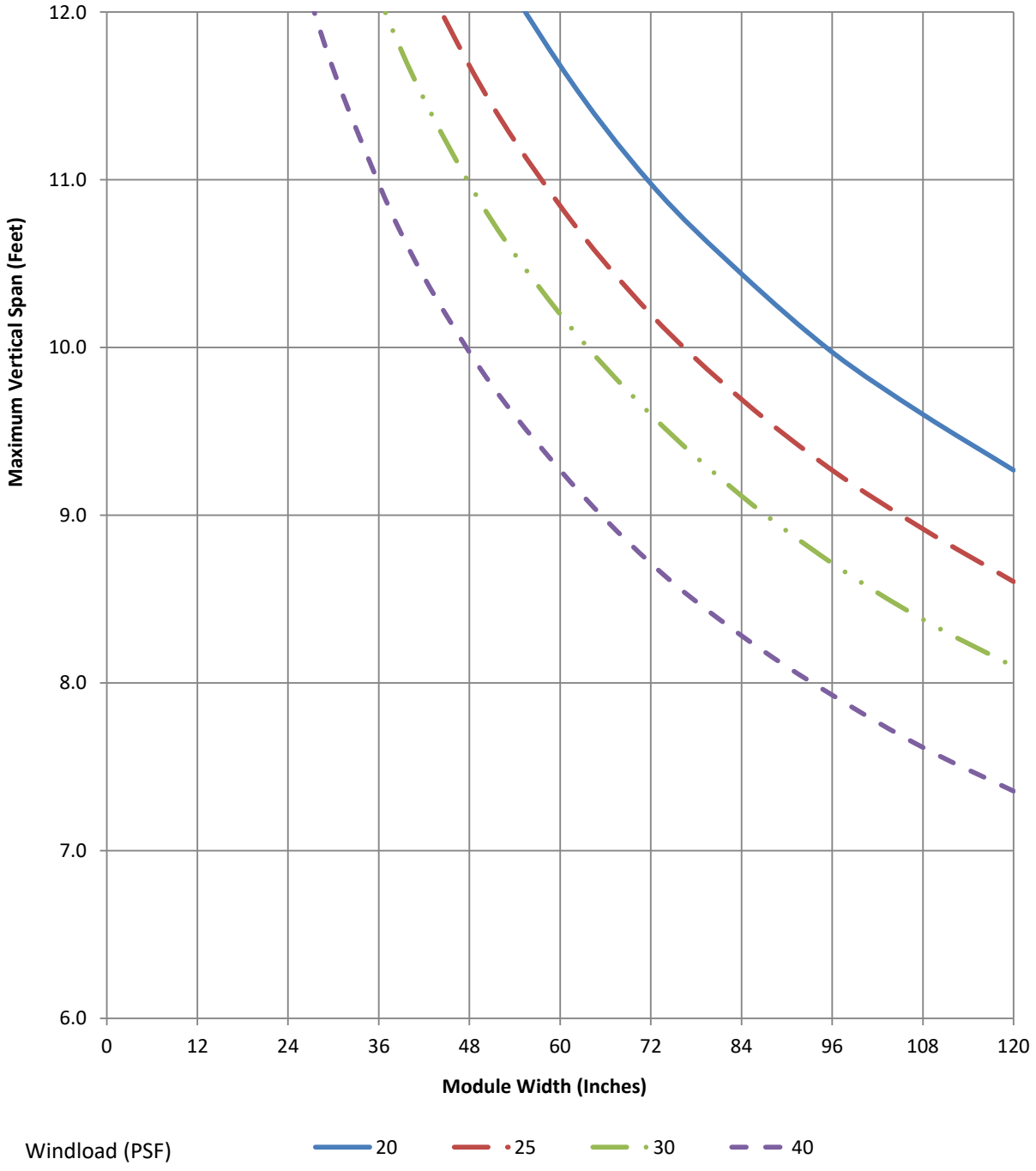
System: E14000IO

Typical Use: I/O Plane, 4-1/2" Heavy Tube Vertical

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.237	0.8031	2.307	0.794	1.692	0.6627	-1.036	0.9479	2.128	2.731

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion: **E15396**

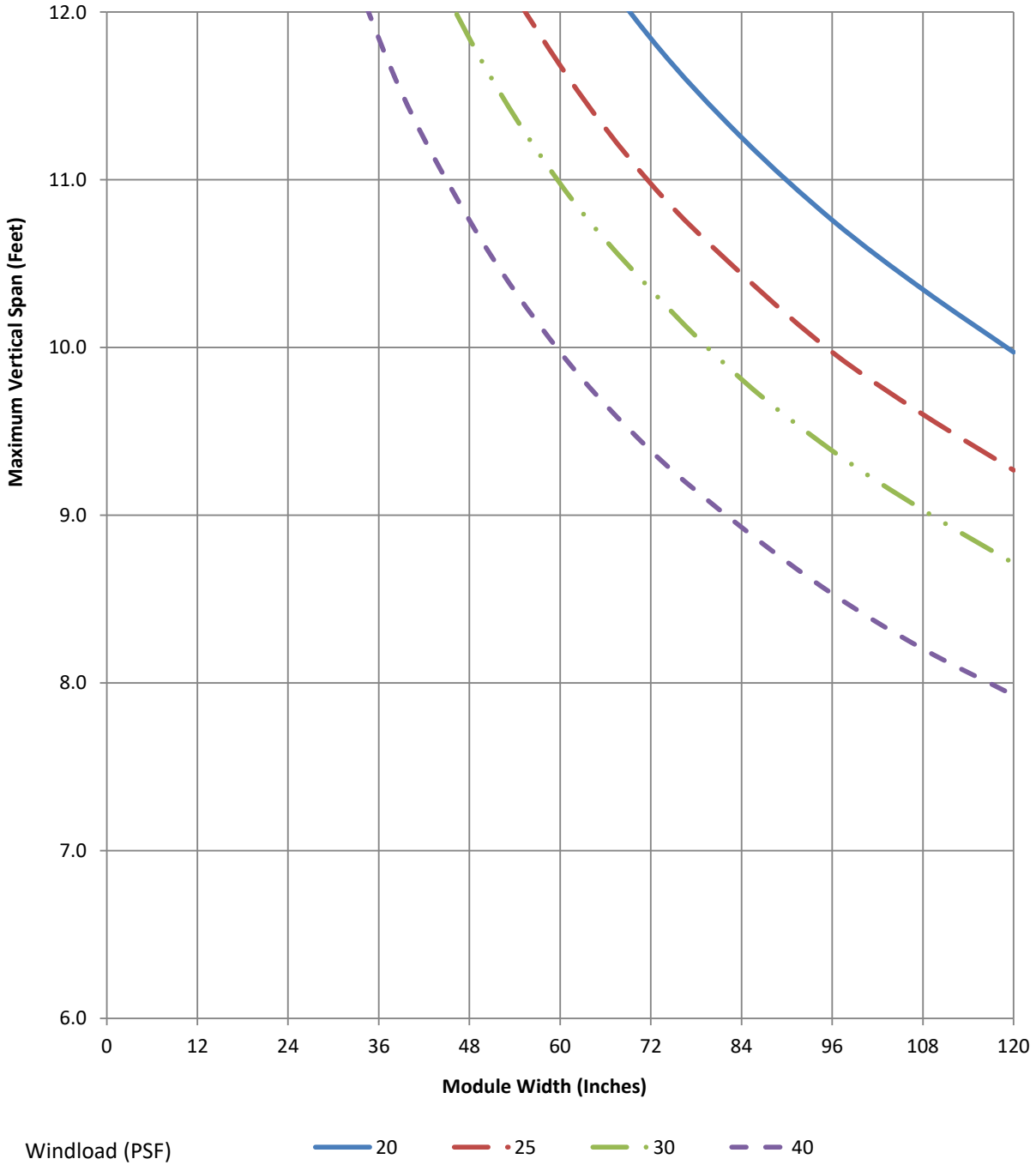
System: E14000IO

Typical Use: I/O Plane, 4-1/2" x 4-1/2" Tube Vertical

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
6.546	5.884	2.886	2.605	1.608	1.524	-0.321	3.235	12.86	3.381

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion: **E15325_E15312**

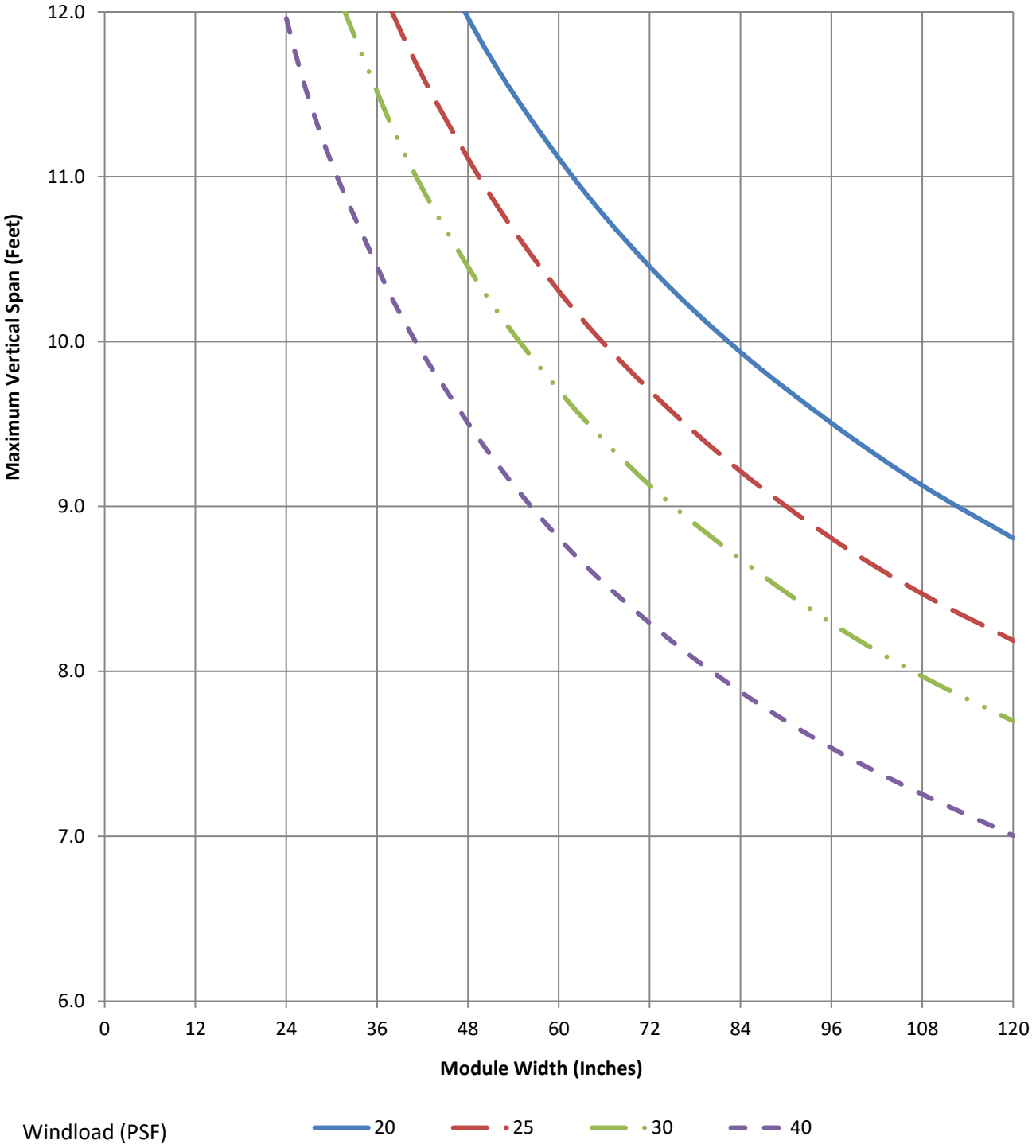
System: E14000IO

Typical Use: Door Jamb 2" x 4-1/2"_I/O Plane, 2" x 4-1/2" Shallow Pocket Filler

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.513752	0.4478	1.98545	0.32944	1.48328	0.46719	0	0.4091	1.244	2.6699

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips spaced evenly. This vertical spacing between horizontals/clips is capped at a maximum of 5 feet, which may require more horizontals or antibuckling clips to achieve on taller vertical spans.



Extrusion: **E15321_E15312**

System: E14000

Typical Use: 2" x 4-1/2" I/O To Center Plane Vertical (Use With 15312)_I/O PLANE, 4-1/2" SHALLOW POCKET FILLER

Alloy: 6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.3964	0.3575	1.49396	0.52326	1.47591	0.47884	0.0287	0.0036	1.694	1.9969

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips spaced evenly. This vertical spacing between horizontals/clips is capped at a maximum of 5 feet, which may require more horizontals or antibuckling clips to achieve on taller vertical spans.