

**Astrofoam PE Sheet Specifications**



All Standard Polyethylene Sheet Foam								
Product	Average Thickness <sup>1,2</sup>		Individual Thickness		Cell Count <sup>2</sup>		Length	
	inches	tolerances	inches	tolerances	cells/inch	tolerances	feet	tolerances
AF030	0.035	+/- 0.005	0.035	+/- 0.005	28	+/- 3	2,000	+ 40 - 0
AF060	0.062	+/- 0.005	0.062	+/- 0.006	25	+/- 3	1,250	+ 25 - 0
AF090	0.094	+/- 0.007	0.094	+/- 0.009	23	+/- 3	750	+ 15 - 0
AF125	0.128	+/- 0.010	0.128	+/- 0.013	23	+/- 3	550	+ 15 - 0
AF185	0.190	+/- 0.014	0.190	+/- 0.019	20	+/- 3	350	+ 10 - 0
AF250	0.256	+/- 0.019	0.256	+/- 0.026	20	+/- 3	250	+ 5 - 0
AF375	0.383	+/- 0.029	0.383	+/- 0.038	18	+/- 3	185	+ 5 - 0
AF500	0.510	+/- 0.038	0.510	+/- 0.051	18	+/- 3	125	+ 5 - 0
FG LT	0.070	+/- 0.005	0.070	+/- 0.007	25	+/- 3	2,000	+ 40 - 0
FG HVY	0.095	+/- 0.007	0.095	+/- 0.010	23	+/- 3	1,500	+ 30 - 0

All Regular, Furniture, Anti-Stat, Color, Ridge Foam			
Product	nominal density	Basis Wt.	
		lb/msf	tolerances
AF030	1.7	5.0	+/- 0.3
AF060	1.4	7.2	+/- 0.4
AF090	1.2	9.4	+/- 0.5
AF125	1.2	12.8	+/- 0.7
AF185	1.2	19.0	+/- 1.0
AF250	1.2	25.6	+/- 1.3
AF375	1.7	54.3	+/- 2.8
AF500	1.7	72.3	+/- 3.7
FG LT	1.1	6.4	+/- 0.4
FG HVY	1.1	8.7	+/- 0.5

All HD 2.5# Foam			
Product	nominal density	Basis Wt.	
		lb/msf	tolerances
AF030	2.5	7.3	+/- 0.4
AF060	2.5	12.9	+/- 0.7
AF090	2.5	19.6	+/- 1.0
AF125	2.5	26.7	+/- 1.4
AF185	2.5	39.6	+/- 2.0
AF250	2.5	53.3	+/- 2.7
AF375	2.5	79.8	+/- 4.0
AF500	2.5	106.3	+/- 5.4

Width	Trimmed Widths		Untrimmed Widths	
	inches	tolerances	inches	tolerances
48"	48.5	+/- 0.5	50	+/- 0.5
60"	60.5	+/- 0.5	62	+/- 0.5
72"	72.5	+/- 0.5	74	+/- 0.5

**Specifications for Custom Products**

Property	Target	Tolerances
Average Thickness	As specified	+/- 7.5% rounded up to the nearest 0.001 inches.
Individual Thickness	As specified	+/- 10% rounded up to the nearest 0.001 inches.
Length	As specified	-0ft, +2% rounded up the the nearest 5ft.
Trimmed Width	As Specified + 0.5 inches	+/- 0.5 inches
Untrimmed Width	As specified + 2.0 inches	+/- 0.5 inches
Density (Use Basis Wt.)	BW = (thk) X (density) X (83.3)	+/- 5%
Cell Count	Not Available	Not available as a custom feature

**Notes**

- Density is not a specification. It is used nominally to describe the product. The controlled properties are thickness and basis weight.
- MD and CD Cell Count cannot differ by more than 4 cells per inch.