

XLPE FOAM TOLERANCES

Density	Length & Width	Thk .25" to .5"	Thk .56" to 2"	Thk 2.12" to 4"	Thk 4"+	Angle / 5 axis
2 #	+/- .0625	+/- .0312	+/- .0625	+/- .125	3%	+/- .125
3 #	+/- .0625	+/- .0312	+/- .0625	+/- .125	3%	+/- .125
4 #	+/- .0625	+/- .0312	+/- .0625	+/- .125	3%	+/- .125
6 #	+/- .125	+/- .0312	+/- .0625	+/- .125	3%	+/- .156
8 / 9 #	+/- .125	+/- .0312	+/- .0625	+/- .125	3%	+/- .156

Tolerance Notes:

- * All length and width dimensions -- This is for what we waterjet and sawcut (not full sheets from WWF).
- * Skiving to a more exact thickness still has tolerance, see above.
- * If an Exact dimension is needed for thickness then order a size slightly smaller or estimate / process a separate cost for sawcutting.
Ex) Needing a 1.5" thick exact you should order the material skived at 1.437" thick - this will protect against being too thick.
- * If an Exact dimension is needed for length and width then estimate / process a separate cost for sawcutting
- * Stock sheets (48x96) can be oversized as much as 2" on the width and 2" on the length.

PE FOAM TOLERANCES

Density	Length & Width	Nominal	Thk .56" to 2"	Thk 2.12" to 4"	Thk 4"+	Angle / 5 axis
.9 #	+/- .0625	-0 / +.25"	+/- .0625	+/- .125	+/- .125	+/- .125
1.2 #	+/- .0625	-0 / +.25"	+/- .0625	+/- .125	+/- .125	+/- .125
1.7 #	+/- .0625	-0 / +.25"	+/- .0625	+/- .125	+/- .125	+/- .125
2.2 #	+/- .0625	-0 / +.25"	+/- .0625	+/- .125	+/- .125	+/- .125
4 #	+/- .0625	-0 / +.25"	+/- .0625	+/- .125	+/- .125	+/- .125
6 #	+/- .125	-0 / +.25"	+/- .0625	+/- .125	+/- .125	+/- .125
9 #	+/- .125	-0 / +.25"	+/- .0625	+/- .125	+/- .125	+/- .125

Tolerance Notes:

- * All length and width dimensions -- This is for what we waterjet and sawcut (not full sheets from Pregis).
- * Nominal thickness for PE has a tolerance of -0/+ .25" -- This is for any stock size polyam and extruded sheet.
- * Skiving to a more exact thickness still has tolerance, see above.
- * If an Exact dimension is needed for thickness then order a size slightly smaller or estimate / process a separate cost for sawcutting.
Ex) Needing a 1.5" thick exact you should order the material skived at 1.437" thick - this will protect against being too thick.
- * If an Exact dimension is needed for length and width then estimate / process a separate cost for sawcutting
- * Stock sheets (48x108) can be oversized as much as 2" on the width and 3" on the length.

URETHANE FOAM TOLERANCES

Density	Foam Type	Length & Width	Thk .56" to 2"	Thk 2.12" to 4"	Thk 4"+	Angle / 5 axis
1 # to 1.5 #	Ether	+/- .0625	+/- .0625	+/- .0625	+/- .0625	+/- .125
1.6 # to 2 #	Ether	+/- .0625	+/- .0625	+/- .125	+/- .125	+/- .125
1 # to 1.5 #	Ester	+/- .0625	+/- .0625	+/- .0625	+/- .0625	+/- .125
1.6 # to 2 #	Ester	+/- .125	+/- .125	+/- .125	+/- .125	+/- .125