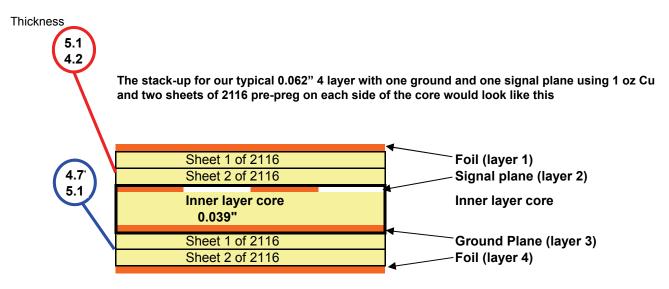
The chart below provides the thickness for a single ply (sheet) of each style of Pre-Preg after processing. These are grouped by the weight and type of the internal conductor layer (typical signal and plane layers) that they will be adjacent to (columns A-F). Those that are adjacent to the top and bottom copper layers will use the column designated for these (column G) regardless of the layer type. All plies that are not directly against a conductor layer (use for situations with more than 2 plies in an opening) will use the additional plies values (column H). These values are based on a minimum of 2 plies of pre-preg per opening between foil and cores or between cores.

This thickness guide is provided as a guide only. The actual thickness will be affected by the copper distribution within the design as well as within the production panels

	Α	В	C	D	E	F	G	<u>H</u>
	Against core	Against core	Against core	Against core	Against core	Against core		Additional
	with .5 oz	with .5 oz	with 1 oz	with 1 oz	with 2 oz	with 2 oz		plies that are
	copper and	copper and	copper and	copper and	copper and	copper and	Against the top	not directly
	signal traces	plane utilizing	signal traces	plane utilizing	signal traces	plane utilizing	and bottom	against
Pre-Preg	utilizing 30% of	70% of the	utilizing 30% of	70% of the	utilizing 30% of	70% of the	copper layers	conductor
Styles	the board area	board area	the board area	board area	the board area	board area	(foil).	layers
106	1.9	2.2	1.5	2.0	0.5	1.5	2.3	2.1
1080	2.6	2.8	2.1	2.6	1.1	2.2	3.0	2.7
2113	3.5	3.7	3.0	3.5	2.0	3.1	3.9	3.5
2116	4.7	4.9	4.2	4.7	3.2	4.3	5.1	4.6
7628	6.5	6.8	6.0	6.5	5.0	6.1	6.9	6.2

All thickness values are in mils. (1/1000 inch)

The dielectric thickness requirements supplied with an order will be interpreted with a minimum, 10% tolerance.



The spacing between the top layer and the signal core would finish at about 9.3 mils From the ground core to the bottom foil would be approximately 9.8 mils.

Add to that the core thickness of .039 & the four layers of 1 ounce Cu at 1.35 each

Cu	4 x 1.35	5.4	
Core		39.0	
Prepreg top		9.3	
	Prepreg bottom		
	_	63.5	Finish +/- 10%