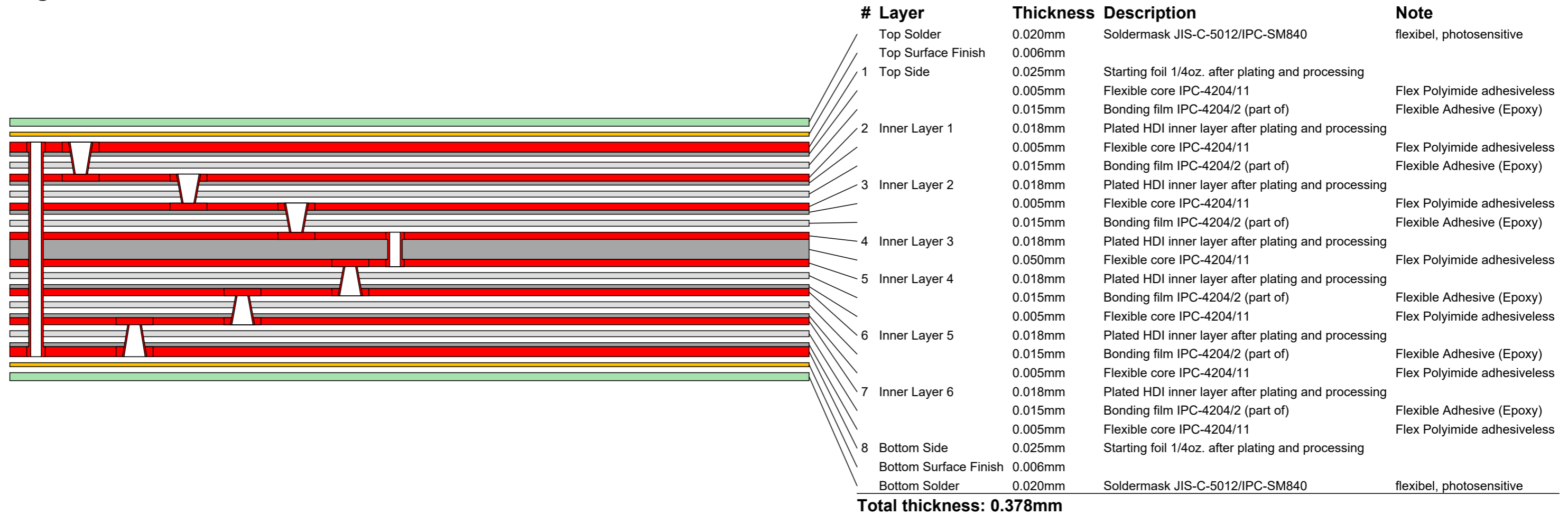


# Rigid



notes:

Standard: Only microvias, NO PTHs  
With PTH Copper 35 µm thick on Top/Bottom

Standard: Surface Finish ENIG  
(Ni 5.5 µm ± 1.5 µm, Au 0.075 µm ± 0.025 µm)

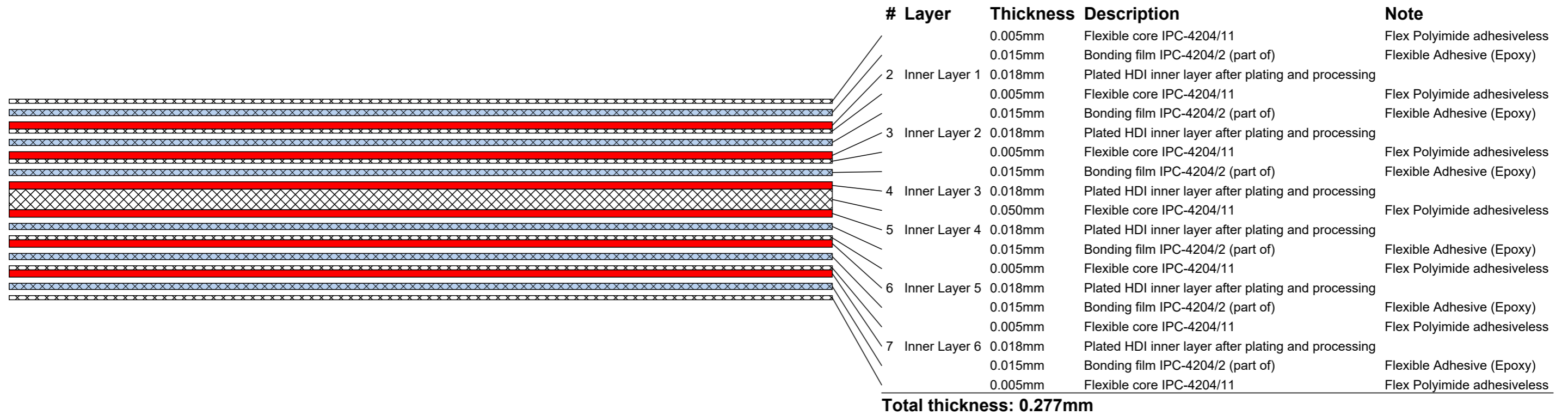
Final copper thicknesses according to IPC-6013  
IPC-2223 use A "Flex to install"

Please follow our sectional design rules:  
► [www.we-online.com/designruleslimflex\\_en](http://www.we-online.com/designruleslimflex_en)

<b>FLEX8_8F_037_12_2V13</b>			
PCB Thickness Tolerance: rigid ± 10% / flex ± 0,05mm			
customer		created	
pcb name		approved	
engineer		format	A4, landscape
date			
Template Revision: 10/2023 by Andreas Schilpp / Michael Kress / Werner Öchslen			



# Flex



notes:

Standard: Only microvias, NO PTHs  
With PTH Copper 35 µm thick on Top/Bottom

Standard: Surface Finish ENIG  
(Ni 5.5 µm ± 1.5 µm, Au 0.075 µm ± 0.025 µm)

Final copper thicknesses according to IPC-6013  
IPC-2223 use A "Flex to install"

Please follow our sectional design rules:  
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**FLEX8\_8F\_037\_12\_2V13**

PCB Thickness Tolerance: rigid ± 10% / flex ± 0,05mm

customer		created	
pcb name		approved	
engineer		format	A4, landscape
date			

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# Flex

#	Layer	Thickness	Description	Note
		0.005mm	Flexible core IPC-4204/11	Flex Polyimide adhesiveless
		0.015mm	Bonding film IPC-4204/2 (part of)	Flexible Adhesive (Epoxy)
		0.005mm	Flexible core IPC-4204/11	Flex Polyimide adhesiveless
		0.015mm	Bonding film IPC-4204/2 (part of)	Flexible Adhesive (Epoxy)
3	Inner Layer 2	0.018mm	Plated HDI inner layer after plating and processing	
		0.005mm	Flexible core IPC-4204/11	Flex Polyimide adhesiveless
		0.015mm	Bonding film IPC-4204/2 (part of)	Flexible Adhesive (Epoxy)
4	Inner Layer 3	0.018mm	Plated HDI inner layer after plating and processing	
		0.050mm	Flexible core IPC-4204/11	Flex Polyimide adhesiveless
5	Inner Layer 4	0.018mm	Plated HDI inner layer after plating and processing	
		0.015mm	Bonding film IPC-4204/2 (part of)	Flexible Adhesive (Epoxy)
		0.005mm	Flexible core IPC-4204/11	Flex Polyimide adhesiveless
6	Inner Layer 5	0.018mm	Plated HDI inner layer after plating and processing	
		0.015mm	Bonding film IPC-4204/2 (part of)	Flexible Adhesive (Epoxy)
		0.005mm	Flexible core IPC-4204/11	Flex Polyimide adhesiveless
		0.015mm	Bonding film IPC-4204/2 (part of)	Flexible Adhesive (Epoxy)
		0.005mm	Flexible core IPC-4204/11	Flex Polyimide adhesiveless

**Total thickness: 0.242mm**

notes:

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Standard: Surface Finish ENIG  
(Ni 5.5 µm ± 1.5 µm, Au 0.075 µm ± 0.025 µm)

Final copper thicknesses according to IPC-6013  
IPC-2223 use A "Flex to install"

Please follow our sectional design rules:  
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**FLEX8\_8F\_037\_12\_2V13**

PCB Thickness Tolerance: rigid ± 10% / flex ± 0,05mm

customer		created	
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pcb name		approved	
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engineer		format	A4, landscape
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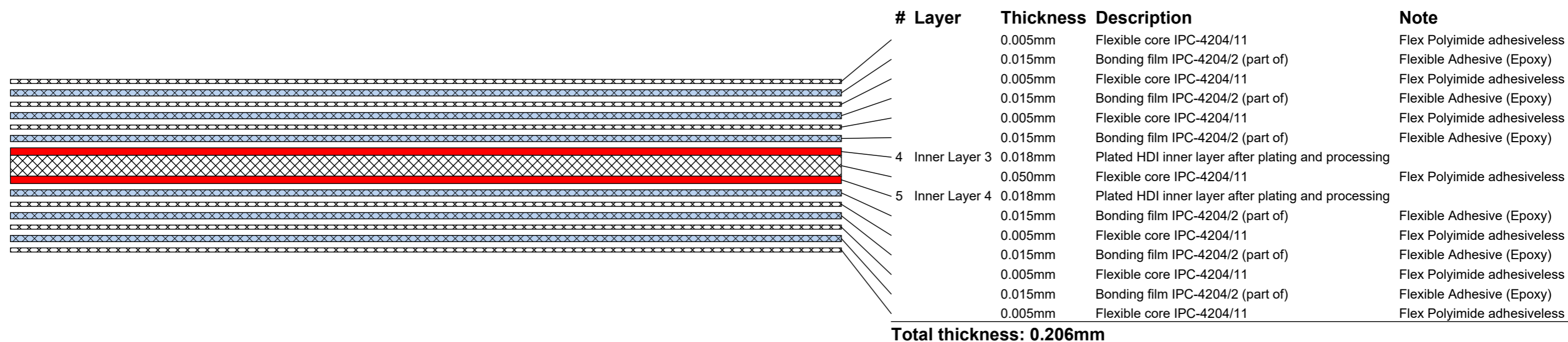
date			
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YOU EXPECT

# Flex



notes:

Standard: Only microvias, NO PTHs  
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Final copper thicknesses according to IPC-6013  
IPC-2223 use A "Flex to install"

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**FLEX8\_8F\_037\_12\_2V13**

PCB Thickness Tolerance: rigid ± 10% / flex ± 0,05mm

customer		created	
pcb name		approved	
engineer		format	A4, landscape
date			

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