

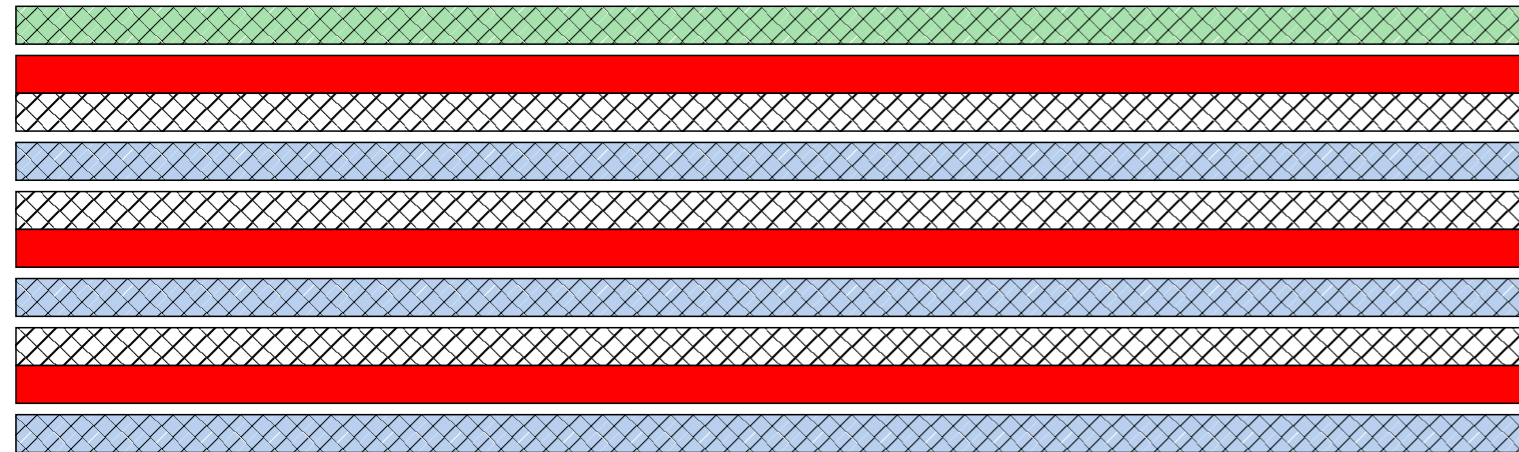
Rigid

# Layer	Thickness	Description	Dk	Df	Note
flexible Soldermask Top	0.015mm	Soldermask JIS-C-5012/IPC-SM840	4,3	0,05	flexibel, photosensitive
1 Top Side	0.030mm	Starting foil 1/4oz. after plating and processing			
	0.025mm	Flexible core IPC-4204/11	3,4	0,003	Flex Polyimide adhesiveless
	0.025mm	Bonding film IPC-232/18	3,8	0,025	Flexible Adhesive (Acrylic)
	0.050mm	Flexible core IPC-4204/11	3,4	0,002	Flex Polyimide adhesiveless
2 Inner Layer 1	0.017mm	ED Base Copper			
	0.025mm	Bonding film IPC-232/18	3,8	0,025	Flexible Adhesive (Acrylic)
	0.025mm	Flexible core IPC-4204/11	3,4	0,003	Flex Polyimide adhesiveless
3 Bottom Side	0.030mm	Starting foil 1/4oz. after plating and processing			
	0.015mm	Soldermask JIS-C-5012/IPC-SM840	4,3	0,05	flexibel, photosensitive
	0.050mm	3M Adhesive foil	4	0,025	Transfer Adhesive (Acrylic)
	0.360mm	Core IPC-4101/127/128	4,7	0,011	FR-4.1 filled, halogen free
Total thickness: 0.667mm					

notes:	FLEX3_3F-Ri_0,67_17_V2.12		
Final copper thickness according to IPC-6013	PCB Thickness Tolerance: rigid $\pm 10\%$ / flex $\pm 0,05\text{mm}$		
IPC 2223 use A "Flex to install"	customer	created	
	pcb name	approved	
Please regard to our sectional design rules: ► www.we-online.com	engineer	format	A4, landscape
	date		
Template Revision: 02/2021 by Andreas Schilpp / Michael Kress / Werner Öchslen			



Flex



# Layer	Thickness	Description	Dk	Df	Note
flexible Soldermask Top	0.015mm	Soldermask JIS-C-5012/IPC-SM840	4,3	0,05	flexibel, photosensitive
1 Top Side	0.030mm	Starting foil 1/4oz. after plating and processing			
	0.025mm	Flexible core IPC-4204/11	3,4	0,003	Flex Polyimide adhesiveless
	0.025mm	Bonding film IPC-232/18	3,8	0,025	Flexible Adhesive (Acrylic)
	0.050mm	Flexible core IPC-4204/11	3,4	0,002	Flex Polyimide adhesiveless
2 Inner Layer 1	0.017mm	ED Base Copper			
	0.025mm	Bonding film IPC-232/18	3,8	0,025	Flexible Adhesive (Acrylic)
	0.025mm	Flexible core IPC-4204/11	3,4	0,003	Flex Polyimide adhesiveless
3 Bottom Side	0.030mm	Starting foil 1/4oz. after plating and processing			
	0.015mm	Soldermask JIS-C-5012/IPC-SM840	4,3	0,05	flexibel, photosensitive

Total thickness: 0.257mm

notes:	FLEX3_3F-Ri_0,67_17_V2.12		
Final copper thickness according to IPC-6013	PCB Thickness Tolerance: rigid $\pm 10\%$ / flex $\pm 0,05\text{mm}$		
IPC 2223 use A "Flex to install"	customer	created	
	pcb name	approved	
Please regard to our sectional design rules: ▶ www.we-online.com	engineer	format	A4, landscape
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