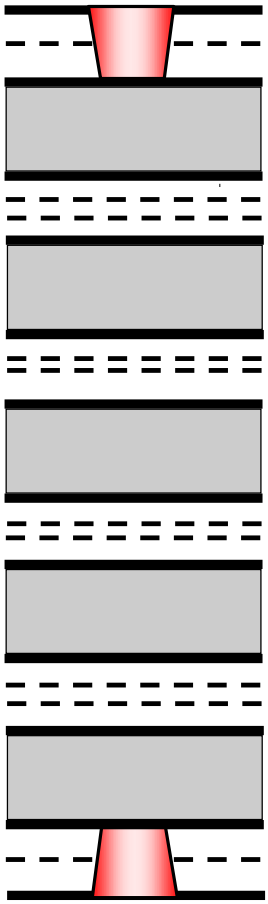
Build Up HDI (Standard)

HDI12_1+10+1_1,45_35_engl

12 - Layers

Core: 0,10 mm Cu 35/35 µm

WE-Articel No.:	**1 + 10 + 1**
Customer:	



layer description		configuration	Raw-Material	CU	PREPREG	Final Thickness	Customer requirements
Customer	WE					[µm]	[µm]
	TOP/VS		Foil	12 µm	1)	12	
					1 x 1080	60	
	2			35 µm		33	
			0,100 mm			100	
	3			35 µm		33	
					2 x 1080	124	
	4			35 µm		33	
			0,100 mm			100	
	5			35 µm		33	
					2 x 1080	124	
	6			35 µm		33	
			0,100 mm			100	
	7			35 µm		33	
					2 x 1080	124	
	8			35 µm		33	
			0,100 mm			100	
	9			35 µm		33	
					2 x 1080	124	
	10			35 µm		33	
			0,100 mm			100	
	11			35 µm		33	
					1 x 1080	60	
	BOT/RS		Foil	12 µm	1)	12	

1) copper thickness outer layers: appr. 55 µm

total material thickness: 1470

Note: Lamination thickness for Prepregs depending on layout characteristics.

final lamination thickness:	**1,45**	+/-	0,12	mm			Date:	Engineer:
thickness with electro plated Cu:	1,54	+/-	0,15	mm				
total thickness with soldermask	1,60	+/-	0,17	mm				
customer requirement		+/-		mm	point:			

prepared: on	by	checked: on	by	approved: on	by	revision	
28.03.2006	**S. Keller**	04.05.2006	M.Kress	04.05.2006	R. Schönholz	00	page: 2+