



Material thickness and its impact on other options of rigid printed circuit boards (manufactured in Germany)

Legend:

✓ = available

✗ = on request

1. Which material thickness can I order in consideration of the **number of layers**?

	0,80mm	1,00mm	1,55mm	2,00mm	2,40mm	3,20mm
1 layer	✓	✓	✓	✓	✓	✓
2 layer	✓	✓	✓	✓	✓	✓
4 layer	✓	✓	✓	✓	✓	✓
6 layer	✗	✓	✓	✓	✓	✓
8 layer	✗	✗	✓	✓	✓	✓
10 layer	✗	✗	✓	✓	✓	✓
12 layer	✗	✗	✓	✓	✓	✓
14 layer	✗	✗	✗	✓	✓	✓
16 layer	✗	✗	✗	✓	✓	✓

2. Which material thickness can I order in consideration of the **final copper thickness**?

	0,80mm	1,00mm	1,55mm	2,00mm	2,40mm	3,20mm
18µm	✓	✓	✓	✓	✓	✓
35µm	✓	✓	✓	✓	✓	✓
70µm	✓	✓	✓	✓	✓	✓
105µm	✓	✓	✓	✓	✓	✓

3. Which material thickness can I order in consideration of the **surface** material?

	0,80mm	1,00mm	1,55mm	2,00mm	2,40mm	3,20mm
HAL	✗	✓	✓	✓	✓	✓
leadfree	✓	✓	✓	✓	✓	✓
ENIG	✓	✓	✓	✓	✓	✓
chem. Tin	✓	✓	✓	✓	✓	✓

4. Which material thickness can I order in consideration of the **drill hole diameter**?

	0,80mm	1,00mm	1,55mm	2,00mm	2,40mm	3,20mm
Ø ≥ 0.25mm	✓	✓	✓	✓	✓	✓
Ø ≥ 0.10mm	✓	✓	✓	✗	✗	✗