

Shaped CD

Premastering

Same conditions apply as for conventional CD.

Diskmastering

When recording on Glassmaster, a reduced track pitch is used (1.5 µm), and after the recording has ended, a digital zero is added.

Pressing

Maximum playing time and data capacity depending on the final recording radius:

Radius [mm]	Playing time		Capacity
	[sec]	[min, sec]	[MB]
28	80	1:20	11.7
29	171	2:51	25.1
30	267	4:27	39
31	365	6:05	53.5
32	467	7:47	68.5
33	573	9:33	83.9
34	682	11:22	99.9
35	794	13:14	116.4
36	910	15:10	133.4
37	1030	17:10	150.9
38	1153	19:13	168.9
39	1279	21:19	187.4
40	1409	23:29	206.4
41	1542	25:42	225.9
42	1679	27:59	245.9
43	1819	30:19	266.5
44	1963	32:43	287.5
45	2110	35:10	309.1
46	2261	37:41	331.1
47	2415	40:15	353.7

Print

The print area on the print film must be by 1.5 to 2 mm smaller than the cutting line, the film must have registration crosses (2 – 4) for each colour and a registration line (usually on the film for black colour) which must be pointing towards the centre and invisibly intersect it. Shapes for which the centre is not clearly identifiable, require an additional registration cross in the middle of at least one colour (usually black).

Cutting out

To cut out, the film must contain the entire shape, a registration line pointing towards the centre and a registration cross in the middle. Sharp internal corners cannot be cut out, because the cutting tool used has a 3 mm diameter. Hence the smallest internal corner can have a minimum radius of 1.5 mm.