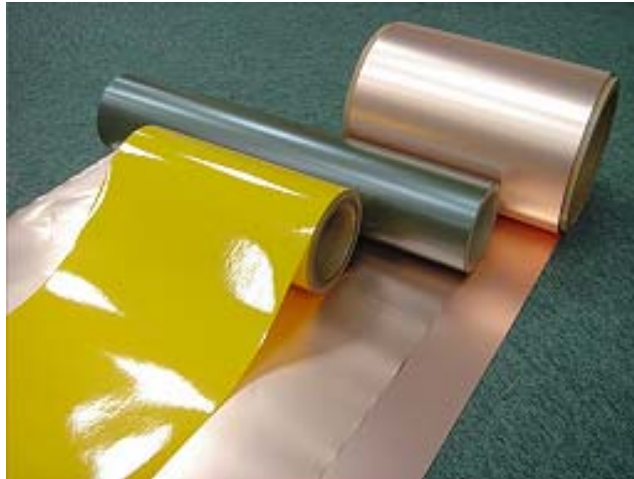

Halogen-Free Cover Lay

R-CAES



FELIOS

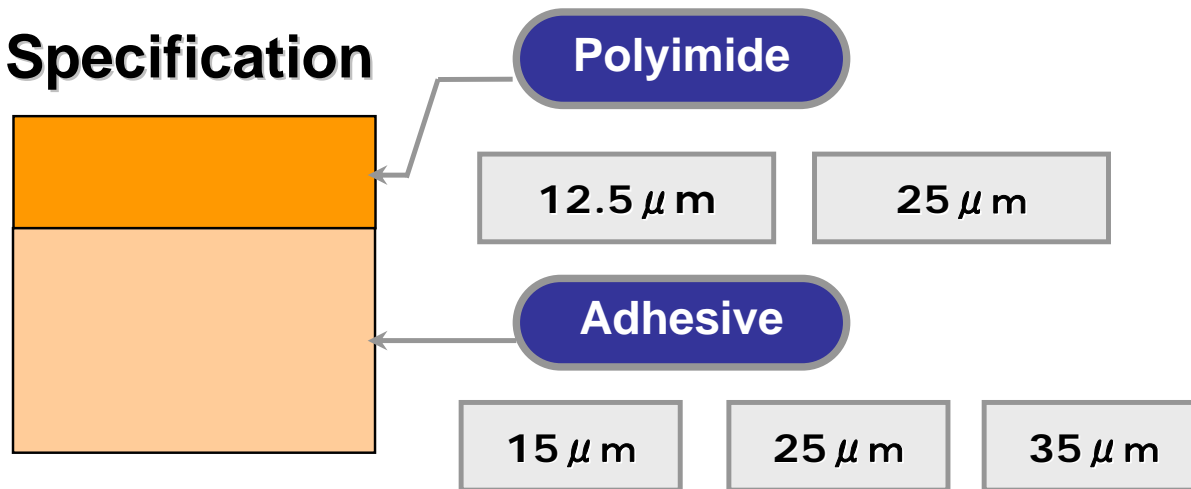
12-July-2006

General Properties of Halogen-Free Cover Lay ; R-CAES

■ Feature

- It does not contain halogen and antimony.
- It is excellent in insulating reliability.
- It is excellent in peel strength.
- It is excellent in flexibility.

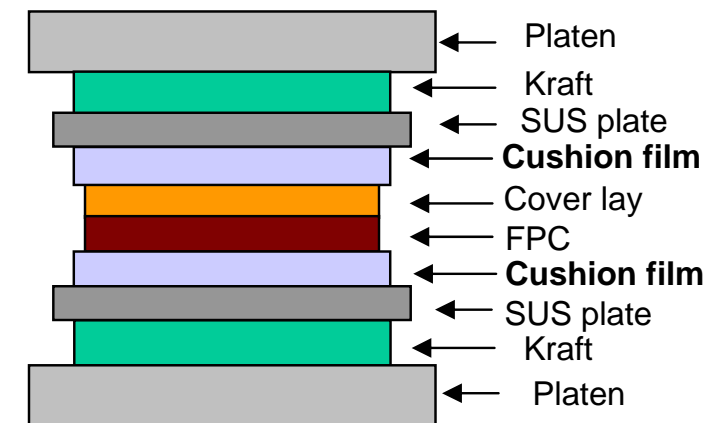
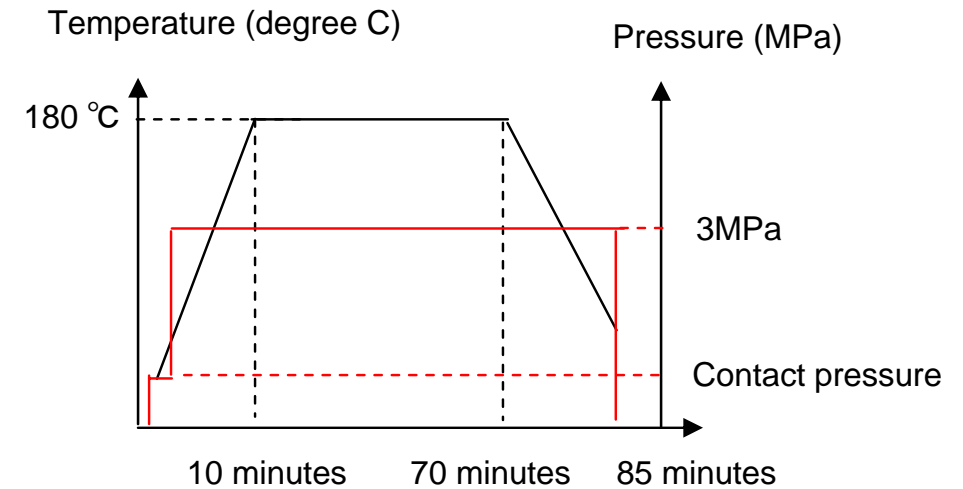
■ Specification



size	width(mm)	250 , 500
	Length (m)	100(Roll)

※ Please ask for other specifications.

■ Press conditions



General Properties of Halogen-Free Cover Lay ; R-CAES

■ General properties

	Items	Conditions	R-CAES (Halogen-free)	Company A (Halogen-free)	Company B (General material)
Peel strength (N/mm)	Original state	A	0.80	0.35	0.88
	After solder floating	288°C、5sec	0.85	0.39	0.8
Insulation reliability (Ω)	L/S=25/25 μ m	85°C/85%/30V (1000hr)	1.3E+11	1.1E+11	2.8E+10
Flexibility (cycles)	IPC	EF12-25-12 used	>10,000,000	>10,000,000	800,000
	Crank	EF12-25-12 used	95,000	88,000	62,000
	α	R12-25-12 used	120,000	96,000	96,000

The above values are in-house measured values and not guaranteed values.

Press condition is as a front page.

