

# Halogenfree FR4

Laminate: **R-1566(W)**

Prepreg: **R-1551(W)**

Standard size warp weft mm	Copper foil thickness	Laminate thickness	Thickness tolerance
920 x 1220		Thin laminates from 0,06 mm up to 0,70mm (excluding Copper foil thickness)	according to IPC - 4101 A B - ( C )
1160 x 1060	0,012 mm		
1060 x 1220	0,018 mm		
1110 x 1220	0,035 mm		
1280 x 1060	0,070 mm	Rigid laminates from 0,8 mm up to 1,6 mm (including Copper foil thickness)	according to IPC - 4101 A L - ( M )
625 x 1220			



Other thicknesses on request

## [ Features ]

- ▶ Halogenfree FR4 material for PCB production
- ▶ A flame-retarding level of UL94 V0 achieved without using halogen flame-retarding agents.
- ▶ Tg: medium Tg class
- ▶ Excellent through-hole conductive reliability, excellent heat resistance
- ▶ Excellent CAF resistance
- ▶ Tracking resistance CTI 500
- ▶ For lead free assembly
- ▶ Conforms to the most international standards:  
IPC-4101C/127, UL94, IPC 4562, UL 946
- ▶ UV-blocking, R-1566W / R-1551W with increased UV-blocking characteristic available
- ▶ Workability: With standard FR4 process

## [ Applications ]

PCs, computer peripherals, cellular phones, digital video cameras, automotive etc