

TABLE 1. Various Lead-Free Materials*

SUPPLIER	MATERIAL TYPE	RESIN SYSTEM	TG (°C DSC)	TD (°C TGA)	LEAD-FREE COMPATIBLE	HALOGEN FREE
Polyclad	FR 226	FR-4	140	320	No	No
	FR 370	FR-4	170	310	No	No
	FR370HR	FR-4 with Phenolic	180	350	Yes	No
	Getek	PPO	180	340	Yes	No
	LD 621	APPE	190	400	Yes	No
Isola	FR 406	FR-4	170	290	No	No
	FR 408	Modified FR-4	180	360	Yes	No
	IS 410	FR-4 with Phenolic	180	350	Yes	No
	IS 415	Modified FR-4	220	360	Yes	No
	IS 620	Modified FR-4	205	330	Yes	No
Nelco	N4006-6FC	FR-4	175	300	No	No
	N4000-11	FR-4 with Phenolic	175	360	Yes	No
	N4000-13	Modified FR-4	210	350	No	No
	N4000-12	Modified FR-4	190	370	Yes	No
	N4000-13SI	Modified FR-4	200	350	No	No

*This is not a complete list of vendors or materials.