


Technical Data

Halogen and Halogen-Free

The Halogens are a group of chemical elements consisting of Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I) and Astatine (At). It may result from Dioxin-like compounds after the halogen compounds included products are burnt, which is harmful to health by accumulating in organism. The international companies announced the Halogen-Free requirements based on the IEC 61249-2-21 standard. The requirements show below:

	Standard	IEC 61249-2-21		
	Substance	Bromine (Br)	Chlorine (Cl)	Bromine (Br) + Chlorine (Cl)
	Limit (ppm)	900	900	1,500

※The use of other harmful halogenated compounds is restricted by various regulations, e.g. RoHS, REACH-SVHC, etc.

