

Chemical-resistant fluororesin coating material CYTOP™

CYTOP

Transparency

Repellency

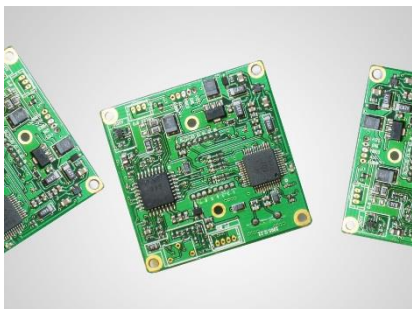
Water proof

Chemical resistance

Electric insulation

Low refractive index

Application examples



Device-protection film

CYTOP™ shows a high resistance to acids, alkalis and organic solvents. Coating a device with a thin film of CYTOP™ improves its resistance to those substances.



Etching-protection film

With its high resistance to various types of etching chemicals, CYTOP™ can be used as a protective film in the etching process. It can be easily removed by using a dedicated medium after use.



Ink jet nozzle

CYTOP™ is stable when exposed to ink agents and can be used as a fluid-repellent coating of an ink jet nozzle.

Chemical resistance of CYTOP™

Reagent		Change of weight (%)	Change of appearance	Remark
Acid	35% HCl	0.0	No change	60°C×1week
	96% H ₂ SO ₄	0.0	No change	60°C×1week
	50% HF	0.0	No change	60°C×1week
Alkaline	10% NaOH	0.0	No change	60°C×1week
	44% NaOH	0.0	No change	60°C×1week
	48% KOH	0.0	No change	60°C×1week
	2.38% TMAH	0.0	No change	60°C×1week
Organic solvent	Hexane	0.0	No change	RT×1week
	IPA	0.0	No change	RT×1week
	Acetone	0.0	No change	RT×1week
	Methyl ethylene	0.0	No change	RT×1week

Test piece ; 20×30×0.2mm

RT ; Room Temperature

It shows a high resistance to acids, alkalis and organic solvents.

AGC Inc.
Chemicals Company

Shin-Marunouchi Bldg., 1-5-1 Marunouchi
URL : <http://www.agc-chemicals.com>

AGC