化學品/材質　相容表

化學名稱	Chemical	化學簡稱	PFA 20℃	FEP 20℃	PTFE 20℃	ECTFE 20℃	ETFE 20℃	PVDF 20℃	HDPE 20℃	PEEK 20℃	PP 20℃	PFA 20℃	FEP 20℃	PTEE 20℃	PVDF 20℃	HDPH 23℃
無機類	INORGANIC															
酸　類	ACIDS															
鹽　類	hydrochloric (conc)	HCl	OK	OK	OK	OK	OK	OK	OK	OK	NO	OK	OK	OK	OK	OK
硫　酸	sulfunic(conc)	H_2SO_4	OK	OK	OK	OK	OK	OK	NO	NO	NO	OK	OK	OK	OK	NO
氫氟酸	hydrofluoric (40%)	HF	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
王　水	Aqua Regia	HNO_3 ＋HCl	OK	OK	OK	OK	OK	NO	－	OK	NO	OK	OK	OK	NO	－
络　酸	cheomic (50%)	H_2CrO_4	OK	－	－	OK	OK	OK	OK	OK	OK	OK	－	－	OK	OK
硝　酸	nitric (50%)	HNO_3	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
發煙硝酸	fuming nitric	HNO_3	OK	－	－	－	NO	NO	NO	－	NO	OK	－	－	NO	NO
磷　酸	phosphoric	H_3PO_4	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
鹼　類	BASES															
氫氧化鈉	sodium hydroxide	NaOH	OK	OK	OK	OK	OK	NO	OK	OK	OK	OK	OK	OK	NO	OK
氫氧化鉀	potassiurm　hydroxide	KOH	OK	OK	OK	OK	OK	NO	OK	OK	OK	OK	OK	OK	NO	OK
氨　水	ammonium　hydroxide	NH_4OH	OK	OK	OK	OK	OK	NO	OK	OK	OK	OK	OK	OK	OK	OK
雙氧水	hydrogen peroxide	H_2O_2	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

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有機類	ORGANIC															
酸 類	ACIDS															
冰醋酸	glacial acetic	CH_3COOH	OK	OK	OK	OK	NO	NO	OK	OK	OK	OK	OK	OK	NO	OK
三氯乙酸	trichloracetic	CCl_3COOH	OK	OK	OK	OK	OK	OK	—	OK	OK	OK	OK	OK	OK	—
烴　類	HYDROCARBONS															
甲　苯	toluene	$C_6H_5CH_3$	OK	OK	OK	OK	OK	OK	NO	OK	OK	OK	OK	OK	OK	NO
異辛烷	isooctane	C_8H_{18}	OK	OK	—	OK	OK	OK	NO	OK	NO	OK	OK	—	OK	NO
醇　類	ADCOHOLS															
苯甲醇	benzyl	$C_6H_5CH_2OH$	OK	NO	—	OK	OK	NO	OK	OK	OK	OK	NO	—	NO	OK
乙　醇	ethyl	CH_3CH_2OH	OK	—	—	OK	OK	OK	OK	OK	OK	OK	—	—	OK	OK
異丙醇	isopropanol	$CH_3CH(OH)CH_3$	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
甲　醇	methyl	CH_3OH_3	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
胺 類	AMINES															
苯 胺	aniline	$C_6H_5CH_2NH_2$	OK	NO	—	OK	NO	OK	NO	OK	OK	OK	NO	—	OK	NO
乙二胺	ethylenediamine	$H_2NCH_2CH_2NH_2$	OK	—	—	OK	OK		—	OK	—	OK	—	—	NO	—
醚 類	ETHER															
四氫夫喃	tetrahydrofuran	C_4H_8O	OK	OK	OK	NO	NO	NO	NO	—	NO	OK	OK	OK	NO	NO

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酮類/醛類	KETONES/ADDEHYDES															
丙酮	acetone	CH_3COCH3	OK	OK	—	OK	—	NO	NO	OK	OK	OK	OK	—	NO	NO
苯甲醛	benzaldehyde	C_6H_5CHO	OK	OK	—	OK	OK	OK	OK	OK	NO	OK	OK	—	OK	OK
環已酮	cyclohexanone	$C_6H_{10}O$	OK	—	—	OK	OK	OK	NO	OK	NO	OK	—	—	OK	NO
丁酮	methyl ethyl ketone	$CH_3COCH_2OH_3$	OK	OK	OK	OK	NO	NO	—	—	OK	OK	OK	OK	NO	—
酯類	ESTHERS															
二甲基太酸酯	dimethylphthalate	$C_6H_4(COOCH_3)_2$	OK	—	—	OK	—	OK	—	—	—	OK	—	—	OK	—
氧化溶劑	CHLORINATED SOLVENTS															
	methylene chloride		OK	OK	OK	OK	OK	NO	NO	OK	NO	OK	OK	OK	NO	NO
四氯乙稀	perchloroethylene	CCl_2CCl_2	OK	OK	OK	—	OK	OK	NO	OK	OK	OK	OK	OK	OK	NO
三氯乙稀	trchloroethylene	CCl_2CHCl	OK	OK	OK	OK	—	OK	NO	OK	OK	OK	OK	OK	OK	NO
四氯化碳	carbon　tetrachloride	CCl_4	OK	OK	OK	OK	NO	OK	NO	OK	OK	OK	OK	OK	OK	NO
弗利昂	FREON															
弗利昂 TF，113	Freon& TF，113		OK	OK	OK	OK	OK	OK	OK	—	OK	OK	OK	OK	OK	OK
弗利昂 TMC	Freon& TMC		OK	—	—	—	OK	NO	—	—	OK	OK	—	—	NO	—
弗利昂 TMS	Freon& TMS		OK	OK	—	OK	OK	OK	—	—	OK	OK	OK	—	OK	—
弗利昂 TE	Freon& TE		OK	—	—	—	OK	OK	—	—	OK	OK	—	—	OK	—