

CHEMICAL COMPATIBILITY TABLE

FLUID	CHEMICAL CODE	MAX CONC.	BEST CONFIGURATION	OTHER ACCEPTABLE MATERIALS	NOTE
ETHYL ACETATE	CH3COOC2H5	ALL	PHTTPD	A	
ACETONE	C3H6O	ALL	PHTTPD	A - S	
ACETIC ACID	C2H4O2	ALL	PHTTPD		
CYANIDE	HCN	ALL	PHTTPV		
HYDROCHLORIC ACID	HCJ	ALL	PHTTPV	KC	
CHROMIC ACID	H2CrO4	ALL	KCMTTKV	Z	
HYDROFLUORIC ACID	HF	ALL	KCMTTKT	PC	NO PP because is with glass fiber
FORMIC ACID	CH2O2	ALL	PHTTPD	A - S - KC	
NITRIC ACID	HN03	20%	PHTTPV	S - KC - Z	
NITRIC ACID	HN03	100%	KCMTTKV	S	
SULPHURIC ACID	H2SO4	50%	PHTTPV	KC	HIGH DENSITY
SULPHURIC ACID	H2SO4	98%	KCMTTKV		HIGH DENSITY
WATER+SAND		ALL	PDDZD	A - N	HIGH ABRASION-NO-CHEMICALS
ALCOHOLS (GENERIC)	CnH2n+2O	ALL	PHTTPD	S	
VINYL GLUE	***	ALL	PHTSSD	A	HIGH VISCOSITY
SODIUM HYDROXIDE	NaOH	ALL	PHTTPD	S	
SODIUM HYPOCHLORITE	NaOCL	15%	PHTTPV		
SODIUM HYPOCHLORITE	NaOCL	100%	KCMTTKV	PC	NO PP because is with glass fiber
ISOCYANATE	***	ALL	PHTSPV	A	HIGH VISCOSITY
MILK OF LIME	***	ALL	PDDZD	D	HIGH ABRASION - ALKALINE
HYDROGEN PEROXIDE	H2O2	20%	PHTTPV	A - S - KC	
HYDROGEN PEROXIDE	H2O2	100%	KCMTTKV	A - S	
POLYOL	***	ALL	PHTSPV	A	HIGH DENSITY
HALOGENATED SOLVENTS	***	ALL	KCMTTKT	***	NO ALUMINIUM
TOLUENE	C7H8	ALL	AHTTAT	S - KC - Z	
AMMONIA	NH3	ALL	PHTTPD	S	
XYLENE	C8H10	ALL	AHTTPD	S	

MATERIAL LIST

A	→	ALUMINIUM
D	→	EPDM
H	→	HYTREL / KEYFLEX
KC	→	PVDF + CF
M	→	SANTOPRENE
N	→	NBR
P	→	POLYPROPYLENE
PC	→	POLYPROPYLENE + CF
S	→	INOX AISI 316
T	→	PTFE / TEFLON
V	→	FPM / VITON
Z	→	POLYETHYLENE / POLIZENE

PH 14
 ↑
 PH 7
 ↓
 PH 1

ALKALINE / BASIC
 PP / EPDM
 NEUTRAL
 ACIDS
 PVDF / PP / VITON