

Chemical resistance at 20 °C
(Applications can be very dependent on the concentration)



Media	Chemicals	PVC-U
Oxidizing Acids (HNO ₃ , H ₂ CrO ₄ , H ₂ SO ₄ , etc.)	HNO ₃ ≤ 25 %	+
	25 % ≤ HNO ₃ ≤ 65 %	o
	H ₂ CrO ₄ aqueous solution	o
	H ₂ SO ₄ ≤ 70%	+
	70 % ≤ H ₂ SO ₄ ≤ 96 %	+
Non Oxidizing Acids (HCl, HF, etc.)	HCl ≤ 30 %	+
	HF ≤ 40 %	+
	40 % ≤ HF ≤ 75 %	-
Organic (formic acid, acetic acid, citric acid, etc.)	HCOOH ≤ 25 %	+
	25 % ≤ HCOOH ≤ 50 %	+
	CH ₃ COOH ≤ 50 %	+
	50 % ≤ CH ₃ COOH ≤ tech. pure	o
	C ₃ H ₄ OH (COOH) ₃	+
Bases	Inorganic (NaOH, KOH, etc.)	+
	Organic (amine, imidazole, etc.)	o
Salts	NaCl, FeCl ₂ , FeCl ₃ , CaCl ₂ , etc.	+
Halogens	Chlorine, bromine, iodine, (no fluorine)	o
Fuels / Oils	Aliphatic hydrocarbons	+
	Aromatic hydrocarbons	-
	Chlorinated hydrocarbons	-
	Ketones	-
Solvents	Alcohols	o
	Esters	-
	Aldehydes	-
Phenols	Phenol, Kresol, etc.	-
Oxidizing agents	NaOCl, ozone, etc.	o

+ resistant o conditionally resistant, please consult us - not resistant