

# CHEMICAL RESISTANCE UNIVERSAL SQUEEGEE

## CHEMICAL RESISTANCE LIST FOR KENOPLAST FLEXIBLE PVC (P-PVC)

### IMPORTANT NOTICE

Kenoplast flexible PVC is largely insensitive to chemicals; the dielectric properties are excellent. The information is based on the knowledge and decades of experience of Optimo-S GmbH in dealing with plastics and here especially in dealing with soft PVC. Due to the different conditions of use, however, no general information can be given about the resistance of flexible PVC. We therefore advise you to always carry out suitability tests with such filling materials whose behaviour is not known on the basis of previous experience.

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### EXPLANATION

Resistance test at 20 °C:

1 = persistent  
2 = conditionally persistent  
3 = unsteady

\* = request special quality

Medium	1	2	3	Medium	1	2	3	Medium	1	2	3
Acetaldehyde pure			X	Ammonia aqueous 10%	X			Benzaldehyde 100 %			X
Acetaldehyde aqueous		X		Ammonia aqueous conc.	X			Benzoic acid	X		
Acetic acid 10 %	X			Ammonia gaseous 100 %	X			Benzene 100 %			X
Acetic anhydride 100 %			X	Ammonium chloride	X			Boric acid aqueous	X		
Acetone 100 %			X	Ammonium phosphate aqueous	X			Bromine liquid 100 %			X
Alum of all kind	X			Ammonium sulphide 10-40 %	X			Butanol 100 %			X
Aluminium acetate	X			Amyl alcohol			X	Butyl acetate 100 %			X
Aluminium chloride	X			Aniline			X				
Aluminium oxide	X			Anise oil			X	Calcium carbonate aqueous	X		
Aluminiumhydroxyd	X							Calcium chloride	X		
Aluminium sulphate	X			Barium sulphate	X			Calcium nitrate	X		

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Medium	1	2	3	Medium	1	2	3	Medium	1	2	3
Calcium sulfate aqueous		X		Hydrochloric acid aqueous 10 %	X			Oleic acid		X	
Carbon disulfide 100 %		X		Hydrochloric acid aqueous conc.		X		Oxalic acid	X		
Carbonic acid dry 100 %	X			Hydrogen peroxide 3 %	X						
Carbonic acid moist	X			Hydrogen peroxide 10 %	X			*Petrol			X
Caustic soda aqueous 10 %	X			Hydroxylamine sulphate aqueous	X			Petrol-benzene mixture			X
Caustic soda 25 %	X							Phenylhydrazine 100 %			X
Caustic soda 50 %	X			Iron chloride aqueous	X			Phosphoric acid aqueous	X		
Chlorine bleach effective CL 12.5 %	X							Potash lye up to 50%		X	
Chloroform 100 %			X	Lactic acid 10 %	X			Potassium bichromate aqueous	X		
Chrome alum	X			Lactic acid 50 %	X			Potassium bromide aqueous	X		
Citric acid	X			Lactic acid 90 %	X			Potassium chloride aqueous	X		
Common salt aqueous	X			Lead acetate	X			Potassium nitrate aqueous	X		
Copper sulphate aqueous	X							Potassium persulphate	X		
Cyclohexanone 100 %			X	Magnesium carbonate	X						
				Magnesium chloride	X			Silicofluoric acid 10 %	X		
Dextrin aqueous	X			Magnesium sulphate	X			Sodium borate aqueous	X		
Dibutyl phthalate 100 %	X			Marlon WAS 42 %			X	Sodium chlorate aqueous	X		
				Marlophen 83 100 %			X	Stearic acid	X		
Ethyl alcohol 96 %		X		Marlophen 89 5 %			X	Succinic acid 100 %	X		
Ethyl alcohol 10 %	X			Marlophen 810 20 %			X	Sulphuric acid 5 %	X		
Ethylbenzene 100 %			X	Marlophen 820 5 %	X			Sulphuric acid 10 %	X		
Ethylhexanol 100 %			X	Marlophen 820 20 %		X		Sulphuric acid 96 %			X
				Methyl alcohol			X				
Formaldehyde 10 %	X			Methylene chloride			X	Tartaric acid aqueous	X		
Formic acid 100 %		X						Tetrachloroethylene 100 %			X
				Nickel chloride aqueous	X			Tetrahydrofuran 100 %			X
Glucose	X			Nickel sulphate aqueous	X						
Glycerol pure	X			Nitric acid aqueous 6 %	X			Urea aqueous	X		
Glycerol aqueous	X			Nitric acid aqueous 10 %	X						
Glycol pure	X			Nitric acid aqueous 20 %		X		Xylol 100 %			X
Glycol aqueous	X			Nitric acid aqueous 65 %		X					
				Nitrobenzene 100 %			X	Zinc sulphate	X		

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