



Degassing Element - Safety Vent (SAVE)

Membrane Material: polyethylene terephthalate (PET)

Dome Element Material: polyethylene low density (PE-LD)



Chemical Resistance of the Membrane (PET)

	resistant	limited resistance	non-resistant
Alcohols	methanol, ethanol, butanol, n-propanol, isopropanol, amyl alcohol, benzyl alcohol, ethyl glycol, ethylene glycol, glycerin, ethylene glycol monoethyl ether acetate, methyl cellosolve, butyl cellosolve		
Hydrocarbons	benzine, cyclohexane, decalin, pentan, hexane, tetralin	benzene, toluene, xylene	
Aldehydes and Ketones	formaldehyde, acetate aldehyde, acetone, methyl ethyl ketone	cyclohexanone	
Oxidising compounds	dioxan, tetrahydrofurane, diethyl ether	dimethyl sulfoxide	
Acids	formic acid (50%), boric acid (5%), hydrofluoric acid (35%), nitric acid (30%), hydrochloric acid (20%), sulphuric acid (25%)	acetic acid (100%), phosphoric acid (85%)	concentrated intense acids
Ester	methyl acetate, ethyl acetate, butyl acetate, propyl acetate, amyl acetate, methyl glycol acetate, benzyl benzoate, isopropyl myristate, tricresyl phosphate		
Halogenated Hydrocarbons	chloroform, carbon tetrachloride, ethylene dichloride, trichlorethylene, perchlorethylene, monochlorbenzole, trichlorbenzole, freon	methylene chloride	halogenated phenols
Solvents containing nitrogen	triethanolamine, Anilinn, pyridine, nitrobenzene, nitropropane	dimethyl formamid, dimethyl acetate amid	
Alcali	ammonia (5%)	potassium hydroxide (5%), sodium hydroxide (5%)	concentrated alcali
Further chemicals	photo lacquer, developer solution, hydrogen peroxide (30 %), turpentine oil, ricinus oil, mineral oil, silicone oil		



Chemical Resistance of the Dome Element (PE-LD)

	resistant	resistant – limitedly resistant	limitedly resistant	limitedly resistant – non-resistant	non- resistant
water	X				
weak acids	X				
intensive Säuren	X				
hydrofluoric acids	X				
weak alcali	X				
intense alcali	X				
anorganic salts	X				
halogenes					X
oxidising compounds					X
paraffin hydrocarbons				X	
Halogene alkanes					X
alcohols	X				
ether			X		
ester		X			
ketones		X			
aldehydes		X			
amines	X				
organic acids	X				
aromatic compounds		X			
fuels		X			
mineral oils		X			
greases, oils		X			

Limitedly resistant means that the material, e.g. sources, can weaken or change colour. Tests are necessary prior to use. The resistance table shall be an initial orientation and simplify the choice of application. The data are based on our current knowledge and on the information from our material suppliers. They do not absolve the users from making their own tests, due to the full range of purposes for the products.

A legally binding warranty for specific features or suitability for a certain application cannot be derived from the information given above. Existing rules and regulations are to be observed at the responsibility of the user.