

CHEMICAL RESISTANCE LIST

Chemical	%	EP1000	EP1200	EP1250	EP1500	EP2480	EP2500	PU2060
Inorganic acids								
Phosphoric acid	10	x	x	x	x	x	x	x
Phosphoric acid	>10							x
Nitric acid	10	x/x	x/x	x/x	x/x	x/x	x/x	x
Nitric acid	>10							x/x
Concentrated nitric acid		-	-	-	-	-	-	
Hydrochloric acid	10							
Hydrochloric acid	20	x/x	x/x	x/x	x/x	x	x	x
Hydrochloric acid	>20	-	-	-	-	x/x	x/x	x/x
Sulphuric acid	10	x	x	x	x	x	x	x
Sulphuric acid	30	x/x	x/x	x	x/x	x/x	x/x	x/x
Sulphuric acid	>30	-	-	-	-	-	-	x/x
Organic acids								
Acetic acid	5							
Acetic acid	10	x	x	x	x	x	x	x
Acetic acid	>10	-	-	-	-	-	-	-
Lactic acid	5	x	x	x	x	x/x	x/x	x
Formic acid	1							
Formic acid	5	-	-	-	-	-	-	X
Formic acid	>5							x/x
Alkalis								
Sodium/potassium hydroxide	10	x	x	x	x	x	x	X
Sodium/potassium hydroxide	25							
Sodium/potassium hydroxide	50	x	x	x	x	x	x	X
Ammonium hydroxide	10	x	x	x	x	x	x	-
Ammonium hydroxide	25	x	x	x	x	x	x	-
Solvents								
Petrol		x	x	x	x	x	x	X
Terpentine		x	x	x	x	x	x	X
Toluene		x	x	x	x	x	x	-
Xylene		x	x	x	x	x	x	-
Glycerol								
Benzene		x	x	x	x	x	x	-
Methanol								
N-butanol		x	x	x	x	x	x	-
Ethanol	5							
Ethanol	30	x	x	x	x	x	x	X
Ethanol	95							

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x resistant
x/x resistant to leaks/spillages
- not resistant

The duration of the exposure was 7 days at 20°C. The chemical resistance applies for a closed layer with a thickness of at least 1.25 mm.

CHEMICAL RESISTANCE LIST

Chemical	%	EP1000	EP1200	EP1250	EP1500	EP2480	EP2500	PU2060
Acetone		-	-	-	-	-	-	-
Methylene chloride		-	-	-	-	-	-	-
Perchloroethylene		x/x	x/x	x/x	x/x	x	x	-
Carbon tetrachloride		x	x	X	x	x	x	-
Trichlorethylene		x/x	x/x	x/x	x/x	x	x	-
Heptane								x
Petroleum								x
Water								
Demineralised water								
Demineralised water 70°C								
Synthetic seawater								
Oil and grease								
Mineral oil								
Mineral grease								
Vegetable products		x	x	X	x	x	x	X
Animal fat								X
Mineral products		x	x	X	x	x	x	
Diesel oil		x	x	X	x	x	x	X
Crankcase oil								X
Transmission oil								X
Brake oil		-	-	-	-	-	-	
Silicone oil		x	x	X	x	x	x	
Miscellaneous								
Vegetable and fruit juices		x	x	X	x	x	x	X
Beer		x	x	X	x	x	x	X
Wine		x	x	X	x	x	x	X
Hydrogen peroxide	10	x	x	X	x	x	x	X
Salts (general)		x	x	X	x	x	x	X
Chlorine water								
Linseed oil								
Linseed oil fatty acid								
Skydrol 500 B								
Teepol								
White spirit								

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x resistant
x/x resistant to leaks/spillages
- not resistant

The duration of the exposure was 7 days at 20°C. The chemical resistance applies for a closed layer with a thickness of at least 1.25 mm.

CHEMICAL RESISTANCE LIST

Chemical	%	EP3400	EP3600	EP3610	EP3800	EP3900	EP3910	EP3950	EP7950	EP7760
Inorganic acids										
Phosphoric acid	10	x				x	x	x	x	
Phosphoric acid	>10									
nitric acid	10	x/x	-	-	-	x/x	x/x	x/x	x/x	-
nitric acid	>10									
Conc. nitric acid		-				-	-	-	-	
Hydrochloric acid	10		-	-	-					-
Hydrochloric acid	20	x				x	x	x	x	
Hydrochloric acid	>20	-				-	-	-	x/x	
Sulphuric acid	10	x	-	-	-	x	x	x	x	-
Sulphuric acid	30	x/x				x/x	x/x	x/x	x/x-	
Sulphuric acid	>30	-				-	-	-		
Organic acids										
Acetic acid	5		-	-	-					-
Acetic acid	10	-				-	-	-	x	
Acetic acid	>10	-				-	-	-	-	
Lactic acid	5	-	-	-	-	-	-	-	x	-
Formic acid	1		-	-	-					-
Formic acid	5	-				-	-	-	-	
Formic acid	>5									
Alkalis										
Sodium/potassium hydroxide	10	x	x	x	x	x	x	x	x	x
Sodium/potassium hydroxide	25		x	x	x					x
Sodium/potassium hydroxide	50	x				x	x	x	x	
Ammonium hydroxide	10	x	x	x	x	x	x	x	x	x
Ammonium hydroxide	25	x	x/x	x/x	x/x	x	x	x	x	x/x
Solvents										
Petrol		x	x	x	x	x	x	x	x	x
Terpentine		x	x	x	x	x	x	x	x	x
Toluene		x	x/x	x/x	x	x	x	x	x	x/x
Xylene		x	x/x	x/x	x	x	x	x	x	x/x
Glycerol		x	x	x	x	x	x	x		x
Benzene									x	
Methanol										
N-butanol		x/x	x	x	x	x/x	x/x	x/x	x	x
Ethanol	5		x	x	x					x
Ethanol	30	x				x	x	x	x	
Ethanol	95		x/x	x/x	x/x					x/x
Acetone		-	-	-	-	-	-	-	-	-
Methylene chloride		-				-	-	-	-	
Perchloroethylene		x	x/x	x/x	x/x	x	x	x	x	x/x
Carbon tetrachloride		x	x/x	x/x	x/x	x	x	x	x	x/x
Trichlorethylene		x	x/x	x/x	x/x	x	x	x		x/x
Heptane										
Petroleum										

CHEMICAL RESISTANCE LIST

Chemical	%	EP3400	EP3600	EP3610	EP3800	EP3900	EP3910	EP3950	EP7950	EP7760
Water										
Demineralised water			x	x	x					x
Demineralised water 70°C			x/x	x/x	x/x					x/x
Synthetic seawater			x	x	x					x
Oil and grease										
Mineral oil			x	x	x					x
Mineral grease			x	x	x					x
Vegetable products		x				x	x	x	x	
Animal fat										
Mineral products		x				x	x	x	x	
Diesel oil		x	x	x	x	x	x	x	x	x
Crankcase oil										
Transmission oil										
Brake oil		-	-	-	-	-	-	-	-	-
Silicone oil		x	x	x	x	x	x	x	x	x
Miscellaneous										
Vegetable and fruit juices		x	x	x	x	x	x	x	x	x
Beer		x	x	x	x	x	x	x	x	x
Wine		x	x/x	x/x	x/x	x	x	x	x	x/x
Hydrogen peroxide	10	x	x	x	x	x	x	x	x	x
Salts (general)		x	x	x	x	x	x	x	x	x
Chlorine water			x/x	x/x	x/x					x/x
Linseed oil			x	x	x					x
Linseed oil fatty acid			x/x	x/x	x/x					x/x
Skydrol 500 B			x	x	x					x
Teepol			x	x	x					x
White spirit			x	x	x					x

x resistant
x/x resistant to leaks/spillages
- not resistant

The duration of the exposure was 7 days at 20°C. The chemical resistance applies for a closed layer with a thickness of at least 0.1 mm.

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