

Chemical Resistance of PUR (Polyurethane)

Substance	Concentration (%)	Classification of requirement	Substance	Concentration (%)	Classification of requirement
Aceton		○	Magnesium chloride	30	●
Alums		○	Methanol	< 5	●
Aluminium chloride	10	●	Mythyl acetate		○
Formic acid	30	○	Mythyl chloride		○
Ammonia	10	●	Methylethylketon		●
Ammonium carbonate		○	Mythylglycol		○
Ammonium chloride		●	Mythylglycolacetate		○
Aniline		○	Lactic acid	10	○
ASTM-Oil I		●	Mineral oil		●*
ASTM-Oil II		●	Motor oil		○
ASTM-Oil III		●	Sodium chloride	10	●
ASTM-Fuel No. I		●	Sodium perchlorate solut.		●
ASTM-Fuel No. II		●	Soda lye	10	●
ASTM-Fuel No. III		●	Olive oil		●
Benzene		○	Ozone		●
Brake fluid ATE		○	Paraffin oil		●
Butanol		○	Perchlore ethylene		○
Butyl acetate		○	Petroleum ether		●
Calcium chloride	40	●	Petroleum		●
Chlorobenzene		○	Vegetable oils		●
Chloroform		○	Vegetable fats		●
Chloroprene		○	Phosphoric acid	50	○
Chromic acid		○	Nitric acid	30	○
Cyclohexan		●	Hydrochlorid acid, concen.		○
Cyclohexanon		○	Cutting oil		●*
Diethylether		●	Carbon disulfide		○
Diethylprestone		●	Sulfuric acid	30	●
Diesel oil		●	Sea water		●
Dimethylformamide		○	Silver salts	20	●
Ferric-III-chloride	10	●	Tetrachloroethylene		○
Acetic acid 20-80	10	●	Carbon tetrachloride	100	○
Ethanol	100	●	Tetrahydrofuran		○
Ethyl ether		●	Toluene		○
Ethylacetate		○	Trichlorethylene		○
Ethylencoloride		●	Tataric acid	< 10	●
Freon 12		●	Xylon		○
Freon 22		●			
Hydraulic oil SAE 90		●*			
Glycerin		●			
Glycol		●			
Isopropanol		○			
Potash lye	10	●			
Bichromate of potash		●			
Potassium nitrate		●			
Potassium permanganate		○			
Kerosene		●			

resistant ●
 vastly resistant ●
 conditionally resistant ●
 not resistant ○

*for individual case, please verify

The information mentioned in this summary is given to the best of our own knowledge and based upon our long standing experience. But we would like to direct your attention to the fact, that the information is given without obligation. A final judgement can only be made in practice.