

CHEMICAL RESISTANCE GUIDE TO LEVAJOINT TPV / TPE-R WATERSTOPS

- ▲ Satisfactory.
- Recommended for the service and conditions shown for Oil Purposes.
- The material may be considered for use when alternative materials are unsatisfactory and where limited life is acceptable.
When PVC is to be used with such chemicals full-scale trials under realistic conditions are particularly necessary.
- ⊘ Unsatisfactory.

CHEMICAL	CONCENTRATION	CONDITIONS		CHEMICAL	CONCENTRATION	CONDITIONS	
		23°C	100°C			23°C	100°C
1,4 - Dioxane		▲		Chloroform		⊘	
Acetaldehyde		▲		Chromic Acid 50%		▲	
Acetates		■		Creosote		▲	
Acetic Acid		▲		Cumene		■	
Acetic Aldehyde		▲		Copper Salts		▲	
Acetone		■		Cyclohexane		⊘	
Acrylonitrile		▲		Diesel Fuel		■	●
Aluminum Chloride		▲		Diethyl Ether		▲	
Aluminum Sulfate		▲		Dimethyl Phtalate		■	
Ammonia, Anhydrous		▲		Dimethylformamide		▲	
Ammonium hydroxide		▲		Di Octyl Phtalate		▲	
Ammonium Salts		▲		Dioxane 1.4		▲	
Amyl Acetate		▲		Ethanol		▲	
Amyl Alcohol		■		Ethyl acetate		▲	
Aniline		▲		Ethyl Chloride		⊘	
Antifreeze	(50% Ethylene Glycol/••% Water)	▲	■	Ethyl Glycol		▲	
Arsenic Salts		▲		Ethyl Hexanol		▲	
ASTM Oil #1			▲	Ethyl Chloride		▲	
ASTM Oil #2			■	Ethylene Chloride		▲	
ASTM Oil #3 or IRM 903			●	Ethylene Dichloride		▲	
ASTM Ref. Fuel A	(Iso-octane)	■		Ethylene Glycol		▲	
ASTM Ref. Fuel B	(70% Isooctane/30% Toluene)	■		Monomethyl Ether		▲	
ASTM Ref. Fuel C	(50% Isooctane/50% Toluene)	●		Ferric Salts		▲	
Barium salts		▲		Fluoboric Acid		▲	
Auto Transmission Fluid		■		Fluosilicic Acid		▲	
Barium Salts		▲		Formaldehyde 40%		▲	
Benzaldehyde		■		Formic Acid		▲	
Benzene		■		Furfural		■	
Benzoic Acid		▲		Glucose		▲	
Benzyl Alcohol		■		Glycerine		▲	
Boric Acid		▲		n-Hexane		■	
Bromine		▲		Hydraulic Fluid		▲	
Bromobenzene		●		Hydrogen Sulfide, Solution		▲	
Butane		■		Hydrochloric Acid 35%		▲	
Butanol		▲		Hydrocyanic Acid		▲	
n-Butyl Acetate		▲		Hydrogen Peroxide		▲	
Butyric Acid		▲		Isopropyl Alcohols		▲	
Calcium Salts		▲		Jet Fuel – JP8		■	
Carbon Disulfide		▲		Kerosene		■	
Carbon Tetrachloride		⊘		Lithium Grease		▲	
Chlorine Wet		▲		Lactic Acid		▲	
Chlorine Dry		▲		Lead Salts		▲	
Chloroacetic Acid		▲		Linseed Oil		▲	
Chlorobenzene		⊘		Magnesium Salt Solutions		▲	

CHEMICAL	CONCENTRATION	CONDITIONS		CHEMICAL	CONCENTRATION	CONDITIONS	
		23°C	100°C			23°C	100°C
Maleic Acid		▲		Sea Water		▲	
Mercury Salts		▲		Silver Salts		▲	
Methanol		▲		Soap Solutions		▲	
Methyl Ethyl Ketone		■		Sodium Chloride		▲	
Methyl Isobutyl Ketone		▲		Sodium Hydroxide	50% Solution	▲	
Methyl Metacrylate		▲		Sodium Hydroxide	80% Solution	▲	
Methylene Chloride		▲		Sodium Hypochlorite		▲	
Naphta		■		Sodium Salts		▲	
Natural Gas		▲		Stearic Acid		▲	
Nickel Salts		▲		Sulfur Chloride		⊘	
Nitric acid	10%	▲		Sulfur Dioxide		▲	
Nitric acid	30%	■		Sulfuric acid	10%	▲	
Nitric acid	70%	■		Sulfuric acid	10% - 50%	▲	
Nitrobenzene		■		Sulfuric acid	50% - 70%	▲	
Nitroethane		▲		Sulfuric acid	70% - 90%	●	
Nitrous Acid		▲		Sulfuric acid	98%	⊘	
Oil, Mineral		▲		Sulfurous acid		▲	
Oleic Acid		■		Sulfurous acid	30%	▲	
Oxalic acid		▲		Tannic acid		▲	
Pentane		⊘		Tetrahydrofuran		■	
Perchloroethylene		⊘		Toluene		■	
Phenol		■		Trichloroethylene		■	
Phosphoric acid	30% Aqueous Solution	▲		Tri-sodium Phosphate		▲	
Phosphoric acid	40% - 100%	▲		Turpentine		■	
Phtalic Acid		▲		Urea		▲	
Potassium Hydroxide		▲		Water		▲	
Potassium salts		▲		Water (Brine)		▲	
Power Steering Fluid		▲	⊘	Water (Steam)		▲	
Propanol		■		Xylene		■	
Pydraul		▲	▲	Zinc Chloride		▲	
Pyridine		■		Silver Salts		▲	

This is an indicative list intended for general guidance only. The information given hereby is based on our best knowledge and experience. No guarantee can be given as much upon the exact working conditions of each case separately.

LEVAJOINT – TPV / TPE-R WATERSTOP - IS A TRADE MARK OF SOCIETE RAYMOND BARAKEH SAL - LEBANON