

POLYURETHANE HOSES

S Resistant - O Restricted resistance - U Not resistant

CHEMICALS	CONCENTRATION %	RESISTANCE 23°C
Acetaldehyde		U
Acetammide		U
Acetic acid	5	S
Acetic acid	30	U
Acetone		U
Aldehydes		U
Aluminium chloride	25	
Aluminium sulphate	25	S
Amines		U
Ammonia	5	S
Ammonium chloride	25	
Ammonium nitrate	25	S
Ammonium sulphate	25	S
Amyl alcohol		U
Animal fats		
Animal oil		S
Benzaldehydes		U
Borax		
Boric acid	5	S
Bromobenzene		
Butadiene		
Butane		
Butylamine		
Butyl alcohol		O
Calcium bisulphite		S
Calcium chloride	25	
Calcium hydroxide sat. soln.		S
Calcium nitrate		S
Calcium, sodium and lithium fats		S
Calcium sulphide		S
Carbon dioxide		S
Carbonic acid		S
Caustic soda aq. soln.	5	S
Caustic soda aq. soln.	10	O
Chlorine moist		
Chlorosulphonic acid		U
Chromic acid	5	U
Citric acid	5	S

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CHEMICALS	CONCENTRATION %	RESISTANCE 23°C
Conc. Detergents use		
Copper sulphate		S
Cresol		
Cyclohexane		
Cyclohexanol		
Cyclohexanone		
Dichlorethane		
Diesel oil		S
Diethylamine		
Diethylene glycol		
Diethyl ether		
Dimethylformamide		
Dioctyl phthalate		
Dioctyl sebacate		
Epoxy resin		
Ethane		
Ethyl alcohol	50	O
Ethyl ether		
Ethyl oxalate		
Ethylene glycol		
Ferric chloride		
Formaldehyde		
Formic acid	20	U
Freon 11		
Freon 12		
Freon 22		
Galvanic solutions		U
Gelatine		
Glycerine		
Glycols		
Hexane		
Hydraulic oil		S
Hydrochloric acid	5	S
Hydrochloric acid	20	U
Hydrofluoric acid	20	U
Hydrogen gas		S
Isopropyl alcohol		O
Isopropyl ether		O

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CHEMICALS	CONCENTRATION %	RESISTANCE 23°C
Isooctane		S
Kerosene		S
Lacquers and lacquer solvents		U
Lubricant oils (petroleum)		S
Lye, alkaline soln.		O
Methane		S
Methyl alcohol	5	S
Methyl alcohol	50	U
Methyl chloride		
Methylethylketone		U
Mineral oil		S
Natural gas		
Naphtha		O
Naphthalene		O
n-Hexane		
Nitric acid	5	O
Nitrogen		S
Oil fuel		S
Oleic acid		S
Oleum		U
Organic acetates		U
Oxygen		S
Ozone		S
Palmitic acid		S
Pentane		O
Perchlorethylene		U
Perchloric acid		U
Petrol		S
Petroleum		O
Phenol		
Phenylamine		U
Phosphoric acid	5	S
Phosphoric acid	20	U
Potassium chloride		
Potassium dichromate		S
Potassium hydroxide	5	S
Potassium nitrate		S
Potassium sulphate		S

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CHEMICALS	CONCENTRATION %	RESISTANCE 23°C
Propane		S
Salt water		S
Silicone fats		S
Silicone oil		S
Soaps in solution		S
Sodium chloride	25	
Sodium hypochlorite		S
Sodium nitrate	25	O
Sodium thiosulphate		S
Stearic acid		S
Sulphuric acid	5	S
Sulphuric acid	20	U
Tetrahydrofuran		U
Toluene		U
Triaryl phosphate		U
Triethanolamine		U
Turpentine		U
Vegetable oils		S
Water		S
Xylene		U

All technical specifications apply to a temperature of 23° C ± 2° C (ISO 291) - tolerance on all specifications ±5%.