

化学相容性表

Chemical compatibility chart



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本表中提供的信息仅供参考。材料的实际反应必须在真实的工作条件下进行测试，因为温度、压力以及不同物质的浓度可能会影响所述的化学相容性。所提供的信息不构成任何合同义务，且明确声明不承担任何责任。客户仍有责任验证产品的适用性及其是否适合预期用途。我们保留在任何时间且无需事先通知的情况下更改信息的权利。

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The information given on this chart have to be used as a guide only and the actual materials' reaction has to be tested in the real working conditions considering that temperature, pressure and different substances concentration can affect the mentioned chemical compatibility. The information is not to be considered a contractual obligation and any liability whatsoever is expressly declined. The customer is not released from his obligation to investigate the products fitness and the suitability for the intended application. We reserve the right to change the information at any time and without prior notice.



LEGENDA | LEGEND | LÉGENDE | LEGENDE



Ottimo
Very Good



Buono
Good



Resistenza Limitata
Limited
resistence



Sconsigliato
Not recommended



Dati non disponibili
Information not available

化学相容性表 / Chemical compatibility chart

MEDIUM 介质		接头 FITTINGS										垫片 SEALS			管道 HOSES				
		铝	碳钢	黄铜	不锈钢 AISI316L	POM	PEI	PARA	PBT	PPSU	NBR	FPM/FKM	EPDM	PA 11-12	PA6	PA6.6	LDPE	聚氨酯酯基	PTFE
Acetaldehyde	乙醛	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●
Acetic Acid (20%)	醋酸 (20%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acetic Acid (5%)	醋酸 (5%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acetic Acid (50%)	醋酸 (50%)	●	-	●	-	●	●	-	●	●	●	●	●	●	●	●	●	●	●
Acetone	丙酮	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Acetylene	乙炔	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	-	-	●
Ammonia (10%)	氨水 (10%)	●	●	●	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●
Ammonia Anhydrous	无水氨	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●
Ammonia Aqueous	氨水	-	-	-	-	●	-	-	●	-	●	●	●	●	●	●	●	●	●
Ammonia Gas - Cold	冷氨气	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Ammonia Gas - Hot	热氨气	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Ammonium Acetate	醋酸铵	●	-	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Ammonium Bicarbonate	碳酸氢铵	●	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Ammonium Carbonate	碳酸铵	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Ammonium Chloride	氯化铵	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	●	●
Ammonium Fluoride	氟化铵	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	●	●
Ammonium Hydroxide	氢氧化铵	●	●	●	●	●	●	-	-	-	●	●	●	●	-	-	●	●	●
Ammonium Nitrate	硝酸铵	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Ammonium Phosphate	磷酸铵	●	-	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Ammonium Sulfamate	磺酰胺铵	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ammonium Sulfate	硫酸铵	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Ammonium Sulfide	硫化铵	●	-	-	-	-	-	-	-	-	●	●	●	●	-	-	●	-	●
Aniline	苯胺	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●
Animal Fats	动物脂肪	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Anti-Freeze (Alcohol Base)	防冻液 (酒精基)	●	●	●	●	●	-	-	-	-	-	-	●	-	-	-	-	-	-
Anti-Freeze (Glycol Base)	防冻液 (乙二醇基)	●	●	●	●	●	-	-	-	-	-	-	●	-	-	-	-	-	-
Aqua Regia	王水	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●
Argon	氩气	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-
Aromatic Hydrocarbons	芳香烃	●	●	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●	●
Aromatic Solvents (Benzene etc.)	芳香族溶剂 (如苯)	●	-	-	-	-	-	-	-	-	●	●	●	●	-	-	-	-	-
Arsenic Acid	砷酸	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Arsenic Salts	砷盐	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-
Ascorbic Acid	抗坏血酸	●	-	-	●	-	-	-	-	-	●	-	-	-	-	-	-	-	-
Benzene	苯	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Boric Acid	硼酸	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●
Brake Fluid	制动液	●	●	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●	●
Butadiene	丁二烯	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●
Butane	丁烷	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●
Butanol (Butyl Alcohol)	丁醇	●	-	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●	●
Butylene	丁烯	●	-	●	●	●	-	-	-	-	●	●	●	●	-	-	-	-	●
Calcium Bisulfate	亚硫酸氢钙	-	●	●	●	-	-	-	-	-	-	-	●	-	-	-	-	-	●
Calcium Bisulfide	硫化钙	●	-	-	●	●	-	-	-	-	●	●	●	●	-	-	-	-	-
Calcium Bisulfite	亚硫酸钙	●	-	●	●	●	-	-	-	-	●	●	●	●	-	-	-	-	-
Calcium Chlorate	氯酸钙	●	-	-	-	-	-	-	-	-	●	●	●	●	-	-	●	-	-
Calcium Chloride (10%)	氯化钙 (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Calcium Hydroxide	氢氧化钙	●	●	●	●	●	●	-	●	-	●	●	●	●	-	-	●	-	●
Calcium Hypochlorite (10%)	次氯酸钙 (10%)	●	●	●	●	●	-	-	●	-	●	●	●	●	-	-	●	-	●
Calcium Nitrate	硝酸钙	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Calcium Nitrite	亚硝酸钙	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium Oxide	氧化钙	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	-
Calcium Silicate	硅酸钙	●	-	-	-	-	-	-	-	-	●	●	●	●	-	-	-	-	-
Calcium Sulfate	硫酸钙	●	●	-	●	●	-	-	-	-	●	●	●	●	-	-	●	-	-
Calcium Sulfide	硫化钙	●	-	-	●	●	-	-	-	-	●	●	●	●	-	-	-	-	-
Carbon Bisulfide	二硫化碳	●	-	●	●	●	-	-	-	-	●	●	●	●	-	-	-	-	-
Carbon Dioxide	二氧化碳	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	-	-	●
Carbon Dioxide (dry)	干二氧化碳	●	●	●	●	●	-	-	-	-	-	●	●	●	-	-	-	-	-
Carbon Dioxide (wet)	湿二氧化碳	●	●	●	●	●	-	-	●	-	-	●	●	●	-	-	-	-	-
Carbon Monoxide	一氧化碳	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	-
Carbon Tetrachloride	四氯化碳	●	●	●	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●
Carbonated Beverages	碳酸饮料	●	-	-	●	-	-	-	-	-	-	●	-	-	-	-	-	-	-
Carbonated Water	碳酸水	●	●	●	●	●	-	-	-	-	●	-	-	-	-	-	-	-	-
Carbonic Acid	碳酸	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Chloric Acid	氯酸	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Chlorinated Water	氯化水	●	-	●	-	●	-	-	●	-	●	●	●	●	-	-	-	-	-
Chlorine (dry)	干氯气	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Chlorine (wet)	湿氯气	●	-	-	●	●	-	-	-	-	-	●	-	-	-	-	●	-	●

化学相容性表 / Chemical compatibility chart

		接头 FITTINGS										垫片 SEALS			管道 HOSES				
MEDIUM	介质	铝	碳钢	黄铜	不锈钢 AISI316L	POM	PEI	PARA	PBT	PPSU	NBR	FPM/FKM	EPDM	PA 11-12	PA6	PA6.6	LDPE	聚氨酯基	PTFE
Chlorine Dioxide	二氧化氯	●	-	-	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Chlorine Gas	氯气	-	-	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●
Chlorine Water	氯水	●	-	●	●	●	-	-	-	-	●	●	●	●	●	●	●	-	●
Chlorine, Anhydrous liquid	氯	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	-	●
Chloroacetic Acid	氯乙酸	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	-	●
Chlorobenzene	氯苯	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	-	●
Chloroethanol	氯乙醇	●	-	-	●	●	●	●	●	●	-	-	-	-	-	-	●	-	-
Chloroform	氯仿	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	●
Chromic Acid (10%)	铬酸 (10%)	●	-	●	●	●	●	-	●	-	●	●	●	●	●	●	●	●	●
Citric Acid	柠檬酸	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●
Coffee	咖啡	●	-	●	●	●	-	-	-	-	●	●	●	-	●	●	-	-	-
Copper Nitrate	硝酸铜	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	-
Copper Nitrite	亚硝酸铜	●	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper Sulfate (10%)	硫酸铜 (10%)	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Copper Sulfide	硫化铜	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanic Acid	氰酸	-	●	-	●	●	-	-	-	-	●	●	-	-	-	-	-	-	-
Cyclohexane	环己烷	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	-	●
Cyclohexanol	环己醇	●	●	-	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
D.D.T. (Dichlorodiphenyltrichloroethane)	滴滴涕	-	-	-	-	●	-	-	-	-	●	-	●	●	-	-	●	-	-
Deionized Water	去离子水	●	●	●	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Denatured Alcohol	变性酒精	●	-	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Detergent Solutions	清洁剂溶液	●	-	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	-
Dibutyl Phthalate	邻苯二甲酸二丁酯	●	●	●	●	●	-	-	●	-	●	●	●	●	-	-	●	-	●
Dichloroethane	二氯乙烷	-	-	●	●	●	-	-	●	-	●	●	●	●	-	-	-	-	-
Diesel Fuel	柴油	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	●
Dimethyl Phthalate	邻苯二甲酸二甲酯	●	-	-	●	●	-	-	-	-	●	●	●	-	●	●	-	-	●
Dioxane	二噁烷	●	-	●	●	●	●	-	●	●	●	●	●	●	●	●	-	-	●
Dioxolane	二氧戊环	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Diphenil	二苯	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Diphenil Ether	二苯醚	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphenil Oxide	二苯氧化物	●	●	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Distilled Water	蒸馏水	●	●	●	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Ethane	乙烷	●	●	●	●	●	-	-	●	-	●	●	●	-	-	-	-	-	-
Ethanol (Ethyl Alcohol)	乙醇	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-
Ether	醚	●	●	●	●	●	-	-	-	●	●	●	●	-	-	-	-	-	-
Ether Sulfate	醚硫酸盐	-	●	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	●
Ethyl Acetate	乙酸乙酯	●	●	-	●	●	●	-	●	-	-	●	●	●	●	●	●	●	●
Ethyl Benzene	乙苯	●	●	-	●	●	-	-	-	-	●	-	-	-	●	●	●	-	●
Ethyl Chloride	氯乙烷	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Ethyl Chloride Wet	湿氯乙烷	●	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Ether	乙醚	●	●	●	●	●	●	-	-	●	●	●	●	●	-	-	●	-	●
Ethyl Sulfate	硫酸乙酯	-	-	-	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Ethylene Chloride	氯乙烯	●	-	-	●	●	-	-	-	-	●	●	●	-	●	●	-	-	-
Ethylene Glycol	乙二醇	●	●	●	●	●	●	-	●	-	●	●	●	●	●	●	●	●	●
Ethylene Oxide	环氧乙烷	●	●	●	●	●	●	-	●	-	●	●	●	●	-	-	-	-	●
Fatty Acids	脂肪酸	●	●	●	●	●	-	-	●	-	●	●	●	●	-	-	●	-	-
Ferric Chloride	氯化铁	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●
Ferric Hydroxide	氢氧化铁	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Ferric Nitrate	硝酸铁	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	-
Ferric Sulfate	硫酸铁	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	●
Fluorine	氟	●	●	-	●	●	-	-	●	-	-	●	●	●	●	●	●	-	●
Fluorine (Anhydrous)	无水氟	●	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorine (Liquid)	液氟	●	-	-	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Fluorine Gas Dry	干氟气	●	-	-	-	●	-	-	-	-	-	-	-	-	-	-	●	-	●
Fluorine Gas Wet	湿氟气	●	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorobenzene	氟苯	●	-	-	-	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Fluorocarbon Oils	氟碳油	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Oils (vegetable)	食用植物油	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	●	●
Formaldehyde (37%)	甲醛 (37%)	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-	●	-	●
Formic Acid	甲酸	●	●	●	●	●	●	-	●	●	●	●	●	●	-	-	●	-	●
Freon 11	氟利昂11	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Freon 112	氟利昂112	●	●	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Freon 113	氟利昂113	●	●	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Freon 114	氟利昂114	●	●	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Freon 114B2	氟利昂114B2	●	●	-	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Freon 115	氟利昂115	●	●	-	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-

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MEDIUM	介质	接头 FITTINGS										垫片 SEALS			管道 HOSES					
		铝	碳钢	黄铜	不锈钢 AISI316L	POM	PEI	PARA	PBT	PPSU	NBR	FPM/FKM	EPDM	PA 11-12	PA6	PA6.6	LDPE	聚氨酯 酯基	PTFE	
Freon 12	氟利昂12	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Freon 13	氟利昂13	●	●	-	●	●	-	-	-	-	●	●	●	●	-	-	-	-	-	
Freon 13B1	氟利昂13B1	●	●	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-	
Freon 14	氟利昂14	●	●	-	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-	
Freon 142B	氟利昂142B	●	-	-	-	●	-	-	-	-	●	●	●	-	-	-	-	-	-	
Freon 15	氟利昂15	●	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	
Freon 152A	氟利昂152A	●	-	-	-	●	-	-	-	-	●	●	●	-	-	-	-	-	-	
Freon 21	氟利昂21	●	●	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-	
Freon 218	氟利昂218	●	-	-	-	●	-	-	-	-	●	●	●	-	-	-	-	-	-	
Freon 21B	氟利昂21B	●	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	
Freon 22	氟利昂22	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Freon 31	氟利昂31	●	●	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-	
Freon 32	氟利昂32	●	●	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-	
Freon 502	氟利昂502	●	-	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-	
Fresh Water	淡水	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Fruit Juice	果汁	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Fuel Oils	燃料油	●	●	●	●	●	-	-	●	●	●	●	●	●	-	-	●	-	●	
Gasoline	汽油	●	●	●	●	●	●	-	●	●	●	●	●	●	-	-	-	-	●	
Glucose	葡萄糖	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	●	-	●	
Glycerine	甘油	●	●	●	●	●	●	-	●	-	●	●	●	●	●	●	●	-	●	
Glycolic Acid	羟基乙酸	-	-	-	●	●	-	-	-	-	●	●	●	-	-	-	●	-	-	
Glycols	乙二醇类	●	●	●	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●	
Grease (Ester Base)	脂类润滑脂 (酯基)	●	●	●	●	●	-	-	-	-	-	-	●	-	-	-	-	-	-	
Grease (Petroleum Base)	石油基润滑脂	●	●	●	●	●	-	-	-	-	-	-	●	-	-	-	-	-	-	
Grease (Silicon Base)	硅基润滑脂	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-	
Helium	氦气	●	-	●	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-	
Heptane	庚烷	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Hexane	己烷	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Hexanol	己醇	●	●	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hydraulic Oil (Petroleum Base)	液压油 (石油基)	●	●	●	●	●	-	-	●	-	●	●	●	-	●	●	●	-	-	
Hydraulic Oil (Synthetic Base)	液压油 (合成基)	●	●	●	●	●	-	-	●	-	●	●	●	-	●	●	●	-	-	
Hydrazine	联氨	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	-	-	●	
Hydrochloric Acid (10%)	盐酸 (10%)	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	
Hydrocyanic Acid	氢氰酸	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	●	
Hydrofluoric Acid (10%)	氢氟酸 (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Hydrogen (gas)	氢气	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Hydrogen Peroxide (1%)	过氧化氢 (1%)	-	-	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	
Hydrogen Peroxide (30%)	过氧化氢 (30%)	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	
Hydrogen Sulfide	硫化氢	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Ink (Printers)	打印墨水	●	●	-	●	●	-	-	●	-	●	●	●	-	●	●	-	-	-	
Iodine	碘	●	●	●	●	●	●	-	-	●	●	●	●	-	●	●	●	-	●	
Iodoform	碘仿	●	-	-	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-	
Iso Butane	异丁烷	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	
Isooctane	异辛烷	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	●	-	●	
Isopentane	异戊烷	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	
Isopropyl Acetate	醋酸异丙酯	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-	
Isopropyl Alcohol	异丙醇	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	-	-	●	
Isopropyl Ether	异丙醚	●	●	●	●	●	●	-	-	-	●	●	●	-	-	-	●	-	●	
Isotane	异构烷烃	●	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	
Jet Fuel/Kerosene	航空煤油	●	●	●	●	●	●	-	●	-	●	●	●	●	●	●	●	●	●	
Ketones	酮类	●	●	●	●	●	-	-	●	●	●	●	●	-	-	-	-	-	-	
Lactic Acid (20 °C)	乳酸 (20°C)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Lead Acetate	醋酸铅	●	●	●	●	●	-	-	●	-	●	●	●	-	-	-	●	-	●	
Lead Chloride	氯化铅	●	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	
Lead Nitrate	硝酸铅	●	-	-	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-	
Lead Sulfamate	磺酰胺铅	●	-	-	●	●	-	-	-	-	-	●	●	-	-	-	-	-	-	
Linoleic Acid	亚油酸	●	●	●	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-	
Lithium Bromide	溴化锂	-	-	-	-	-	-	-	●	-	●	●	●	-	-	-	●	-	-	
Lithium Chloride	氯化锂	●	●	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	●	
Lithium Hydroxide	氢氧化锂	●	-	-	●	●	-	-	●	-	●	●	●	-	-	-	-	-	-	
Lubricants	润滑剂	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Lubricants (Petroleum)	石油润滑剂	●	-	-	●	●	-	-	-	-	-	-	●	-	-	-	-	-	-	
Lubricating Oil	润滑油	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Methane	甲烷	●	-	-	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Methyl Acetate	乙酸甲酯	●	●	●	●	●	-	-	●	-	●	●	●	●	-	-	●	-	●	
Methyl Acetone	甲基丙酮	●	●	●	●	●	-	-	-	-	-	●	●	-	-	-	-	-	-	

化学相容性表 / Chemical compatibility chart

		接头 FITTINGS										垫片 SEALS			管道 HOSES				
MEDIUM	介质	铝	碳钢	黄铜	不锈钢 AISI316L	POM	PEI	PARA	PBT	PPSU	NBR	FPM/FKM	EPDM	PA 11-12	PA6	PA6.6	LDPE	聚氨酯基	PTFE
Methyl Acrylic Acid	甲基丙烯酸	-	-	-	-	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Methyl Alcohol (Methanol)	甲醇	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Methyl Amine	甲胺	●	●	●	●	●	-	-	-	-	●	-	-	-	-	-	-	-	-
Methyl Bromide	溴甲烷	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	-	●	-
Methyl Butyl Ketone	甲基丁基酮	●	-	●	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Methyl Chloride	氯甲烷	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	-	●	-
Methyl Ethyl Ketone	甲基乙基酮	●	●	●	●	●	-	-	-	●	●	●	●	●	●	●	●	-	●
Methylene Bromide	溴化亚甲基	●	-	-	-	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Methylene Chloride	二氯甲烷	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	●	●
Mineral Oil	矿物油	●	●	●	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●
Motor Oil	机油	●	●	●	●	●	-	-	-	●	●	●	●	●	-	-	-	●	-
Muriatic Acid	盐酸	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphtha	石脑油	●	●	●	●	●	●	-	-	●	●	●	●	●	-	-	-	●	●
Naphthalene	萘	●	●	●	●	●	●	-	-	●	●	●	●	●	●	●	●	-	●
Natural Gas	天然气	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Neohexane	新己烷	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel Acetate	醋酸镍	●	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-
Nickel Chloride	氯化镍	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	●
Nickel Nitrate	硝酸镍	●	●	-	●	●	-	-	-	-	●	●	●	-	-	-	●	-	-
Nickel Sulfate (10%)	硫酸镍 (10%)	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	●
Nitric Acid (10%)	硝酸 (10%)	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	-	●
Nitrogen	氮气	●	●	●	●	●	-	-	-	-	●	●	●	●	-	-	-	-	●
Nitromethane	硝基甲烷	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	●
Nitropropane	硝基丙烷	●	-	●	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Nitrous Acid	亚硝酸	●	●	-	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Nitrous Gases	亚硝基气体	-	●	●	●	●	-	-	-	-	●	●	-	-	-	-	-	-	-
Nitrous Oxide	一氧化二氮	●	●	●	●	●	-	-	●	-	●	●	●	-	-	-	-	-	-
Oleic Acid	油酸	●	●	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	●
Olive Oil	橄榄油	●	●	●	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●
Oxygen (Cold)	冷氧气	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●
Ozone	臭氧	●	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	-	●
Palm Oil	棕榈油	●	●	●	●	●	-	-	●	-	●	●	●	●	-	-	-	●	●
Palmitic Acid	软脂酸	●	-	●	●	●	-	-	●	-	●	●	●	-	-	-	●	-	●
Paraffin	石蜡	●	●	●	●	●	●	-	●	●	●	●	●	-	-	-	●	-	●
Paraformaldehyde	聚合甲醛	●	●	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentane	戊烷	●	-	●	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-
Perchloric Acid (10%)	高氯酸 (10%)	-	-	-	●	●	-	-	-	-	●	●	●	-	-	-	●	-	●
Perchloroethylene	四氯乙烯	●	●	●	●	●	●	-	●	-	●	●	●	●	-	-	-	●	●
Petroleum Oil	石油	●	-	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●	●
Phenol	苯酚	●	-	●	●	●	-	-	●	●	●	●	●	●	●	●	●	-	●
Phenyl Acetate	苯基醋酸酯	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenyl Ethyl Ether	苯乙醚	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenyl Hydrazine	苯肼	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenyl Sulfonic Acid	苯磺酸	●	-	-	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Phenylbenzene	苯基苯	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-
Phosphoric Acid (30%)	磷酸 (30%)	●	-	●	●	●	-	-	●	●	●	●	●	●	●	●	●	-	●
Phosphorus	磷	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-
Phthalic Acid	邻苯二甲酸	●	-	-	●	●	-	-	●	-	●	●	●	-	-	-	●	-	-
Potassium Acetate	醋酸钾	●	●	●	●	●	-	-	-	-	●	-	-	-	-	-	●	-	-
Potassium Bicarbonate	碳酸氢钾	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	-
Potassium Bisulfate	重硫酸钾	●	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Potassium Bisulfite	亚硫酸氢钾	●	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Potassium Bromide	溴化钾	●	●	-	●	●	-	-	●	-	●	●	●	●	-	-	-	●	-
Potassium Chloride	氯化钾	●	●	●	●	●	-	-	●	-	●	●	●	●	-	-	-	●	●
Potassium Chromate	铬酸钾	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	-
Potassium Cyanide	氰化钾	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	●
Potassium Hydroxide	氢氧化钾	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	-	●
Potassium Hypochlorite	次氯酸钾	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	-
Potassium Nitrate	硝酸钾	●	●	●	●	●	-	-	●	-	●	●	●	●	-	-	●	-	-
Potassium Nitrite	亚硝酸钾	●	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Potassium Permanganate (10%)	高锰酸钾 (10%)	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	-	●
Potassium Phosphate	磷酸钾	●	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-
Potassium Silicate	硅酸钾	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium Sulfate	硫酸钾	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●
Potassium Sulfide	硫化钾	●	●	●	●	-	-	-	-	-	●	●	●	-	-	-	●	-	-
Potassium Sulfite	亚硫酸钾	●	●	●	●	-	-	-	-	-	●	●	●	-	-	-	-	-	-

化学相容性表 / Chemical compatibility chart

MEDIUM 介质		接头 FITTINGS										垫片 SEALS			管道 HOSES					
		铝	碳钢	黄铜	不锈钢 AISI316L	POM	PEI	PARA	PBT	PPSU	NBR	FPM/FKM	EPDM	PA 11-12	PA6	PA6.6	LDPE	聚氨酯基	PTFE	
Propane (liquefied)	液化丙烷	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Salicylic Acid	水杨酸	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Sea Water	海水	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Silicone Oil	硅油	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Silver Bromide	溴化银	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-	
Silver Chloride	氯化银	●	●	●	●	-	-	-	-	-	●	-	-	-	-	-	-	-	-	
Silver Cyanide	氰化银	●	-	-	●	-	-	-	-	-	●	●	●	-	-	-	●	-	●	
Silver Nitrate	硝酸银	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	●	-	●	
Sodium Acetate	醋酸钠	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Acid Sulfate	酸性硫酸钠	●	-	-	●	-	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Bicarbonate	碳酸氢钠	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Bisulfate	重硫酸钠	●	●	-	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Bisulfite	亚硫酸氢钠	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Sodium Borate (Borax)	硼砂	●	-	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Carbonate	碳酸钠	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Sodium Chlorate	氯酸钠	●	-	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Sodium Chloride (10%)	氯化钠 (10%)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Sodium Chromate	铬酸钠	●	●	-	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Citrate	柠檬酸钠	-	-	-	-	-	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Fluoride	氟化钠	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Hydroxide (10%) - Caustic Soda	氢氧化钠 (10%) - 烧碱	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Sodium Hypochlorite (5%)	次氯酸钠 (5%)	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Hyposulfate	低硫酸钠	●	●	●	●	-	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Hyposulfite	亚硫酸钠	●	●	●	●	-	-	●	-	-	●	●	●	●	●	●	●	●	●	
Sodium Nitrate	硝酸钠	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Sodium Nitrite	亚硝酸钠	●	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	●	
Sodium Perborate	过硼酸钠	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Peroxide	过氧化钠	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Phosphate	磷酸钠	●	-	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sodium Sulfide	硫化钠	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Steam (< 150 °C)	蒸汽 (<150°C)	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Steam (> 150 °C)	蒸汽 (>150°C)	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Stearic Acid	硬脂酸	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Styrene	苯乙烯	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sulfamic Acid (10% - 20°C)	磺胺酸 (10% - 20°C)	●	-	-	-	●	-	-	-	●	●	●	●	●	●	●	●	●	●	
Sulfur Chloride	氯化硫	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Sulfur Dioxide	二氧化硫	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Sulfuric Acid (30%)	硫酸 (30%)	●	●	●	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●	
Sulfurous Acid	亚硫酸	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Tannic Acid	单宁酸	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Tartaric Acid	酒石酸	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Tetrachloroethane	四氯乙烷	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Tetrachloroethylene	四氯乙烯	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Tetrahydrofuran	四氢呋喃	●	-	-	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Toluene (Toulol)	甲苯	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Tomato Juice	番茄汁	●	-	-	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Transformer Oil	变压器油	●	-	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●	●	
Transmission Fluid (Type A)	自动变速器油 (A型)	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	
Triacetin	三乙酸甘油酯	●	-	-	-	-	-	-	-	-	●	●	●	●	●	●	●	●	●	
Trichloroacetic Acid	三氯乙酸	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Trichlorobenzenes	三氯苯	●	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	
Trichloroethane	三氯乙烷	●	●	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Trichloroethylene	三氯乙烯	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Trichloropropane	三氯丙烷	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Turpentine	松节油	●	-	●	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Urea (5%)	尿素 (5%)	●	●	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●	●	
Uric Acid	尿酸	●	●	-	●	●	-	-	●	-	●	●	●	●	●	●	●	●	●	
Valeric Acid	戊酸	●	-	-	-	-	-	-	-	-	●	●	●	●	●	●	●	●	●	
Vinegar	食醋	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Wine	葡萄酒	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	
Xylene	二甲苯	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Zinc Acetate	醋酸锌	●	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	
Zinc Carbonate	碳酸锌	●	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zinc Chloride	氯化锌	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Zinc Hydrosulfite	亚硫酸氢锌	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zinc Nitrate	硝酸锌	-	-	-	●	-	-	-	●	-	●	●	●	●	●	●	●	●	●	
Zinc Sulfate	硫酸锌	●	●	●	●	●	-	-	-	-	●	●	●	●	●	●	●	●	●	