

Compatibility chart

	F = FAIR T = TEST (MAY/MAY NOT BE USED) S = SATISFACTORY U = UN-SATISFACTORY	BUNA-N	EPDM	NEOPRENE	VITON	TEFLON	COPPER	SILVER	ALUMN	SS-20	SS-302-303-304	SS-316	SS-430	STEEL	IRON	BRONZE	BRASS	ALUMN	SPECIFIC GRAVITY
1	ACETONE	U	S	U	U	S	S	S	F		F	F	F	S	S	S	S	F	0.79
2	ACETYLENE	S	S	F	S	S	U	U	S		S	S	S	S	S	U	T	S	0.897
3	ACETIC ACID - 10%		S	S			U	F	F	S	S	S	F	U	U	U	U	F	
4	ACETIC ACID-PURE CH ₃ COOH	T	U	T	U	S	U	S	S	S	F	S	F	U	U	U	U	S	1.06
5	AIR N ₂ O ₂	S		S	S		S	S	S		S	S	S	U	S	S	S	T	1.000
6	ALCOHOL ETHYL (ETHANOL) C ₂ H ₅ OH	F	S	F	F	S	F	S	F	F	F	F	F	S	F	F	F	T	6.73
7	ALCOHOL METHYL (METHANOL) CH ₃ OH	S	S	S	U	S	S	S	T	F	S	S	F	S	S	S	S	T	0.81
8	ALCOHOL (ISOPROPYL) CH ₃ CHOH	S	S	S		S		S		S	S	F				S			0.81
9	AMMONIA NH ₃	F		S	U	S	U	U	F	S	S	S	S	S	S	U	U	F	0.89
10	ARGON Ar	F		S						S	S	S	S	F	U	U	U	U	1.379
11	BENEZENE C ₆ H ₆	U	U	U	F	S	S	S	S	S	S	S	S	S	S	S	S	S	0.69
12	BUTANE C ₄ H ₁₀	F	U	F	S	S	S		S		S	S	S	S	S	S	S	S	2.050
13	CARBON DIOXIDE, DRY CO ₂	F	T	T	T	S	S	S	S		S	S	S	S	S	S	S	S	1.516
14	CARBON TETRACHOLORIDE CCl ₄	U	U	U	S	S	T	F	U	S	F	F	F	T	U	F	T	U	1.59
15	CHLORINE UNHYDROUS LIQUID	U		U	S	S	T				U	U	F		U	T	U		1.56
16	CHLORINE GAS Cl ₂	U	U	U	F	F	T	F	T	S	U	F	U	T	T	T	U	T	2.423
17	COFFEE	S		S	S	S	S				S	S	S			S	S		
18	COKE OVEN GAS	T	U	T	F	S	S	S	S		S	S	S	S	S	T	U	S	
19	COOLENT OIL	S				S	S	S	F		S	S	S	S		S	S		
20	DIESEL FUEL	T			S	S	S	S	S		S	S	S	S		S	S	S	
21	ETHYLENE GLYCOL (CH ₂ OH) (CH ₂ OH) ₂	S	S	F	S	S	F	S	F		S	S	F	S	F	F	F	F	
22	ETHYLENE OXIDE	U	T	U	U	S	T	T	F	S	S	S	S	S	F	T	T	F	
23	FREON - 11-12-13-21-502	F	U	F	U	S	S	S	S	S	S	S	S	U	U	S	S	S	
24	FREON-1301 (FIRE EXT.)	S		S	F		S				S	S	S				S		
25	GASOLINE	T	U	U	S	S	T	S	F		S	S	S	S	T	S	S	T	0.72
26	HELIUM He	S	S	S	S	S				S	S	S	S	S	S	S	S	S	0.138
27	HYDRAULIC OIL	S	U	T	S	S	S	S	S		S	S	S	S	S	S	S	S	
28	HYDROCARBONS (CLORINATED)	T	U	U	F	S	S	F	S		F	F	F			S	S	S	
29	HYDROGEN H	S	S	S	S	S	S	S	S		S	S	S	S	S	S	S	S	0.069
30	HYDROGEN PEROXIDE H ₂ O ₂	T	T	U	S	S	U	U	F	S	T	F	T	T	T	U	U	F	
31	HYDROCHOLORIC ACID HCL		F	T	T	F		T			U	U	U	U	U			T	1.19
32	KEROSENE	S	U	F	S	S	S	S	S		S	S	S	S	S	S	S	S	0.81
33	LPG	F	U	F	S		S	S	S		S	S	S			S	S	S	
34	METHYL ETHYL KETONE (MEK) CH ₃ COC ₂ H ₅	U	S	U	U	S	S	F	S		F	F	F	S	S	S	S	S	
35	MILK	S	S	S	S	S	S		S		S	S	S	S	S	S	S	S	1.03
36	NAPHTHA C ₆ H ₅ NO	F	U	U	S	S	F	S	S	S	S	S	S	S	T	F	F	S	0.76
37	NATHRAL GAS	S	U	S	S	S	F	S	S		S	S	S	S	S	T	S	S	
38	NITRIC ACID HNO ₃	U	U	U	U	S	U		T	U	S	T	T	U	U	U	U	T	1.50
39	NITROGEN N ₂	S	F	F	S		S	S	T	S	S	S	S	S	S	S	S	T	0.9666
40	OIL COOKING		T		S		S		T		S	S	S				S		
41	OIL FUEL	T	U	F	S	S	T	S	S		S	S	S	T	T	S	S	S	
42	OIL HYDRAULIC-MIL-H-5606	S	U	S	S	S	S	S	S		S		S				S	S	
43	OILS LUBRICATING OR MOTOR	S			S		S	S	F		S	S	S		S	S	S	T	
44	OXYGEN O ₂	T		S	S	T	S	F	S		S	S	S		S	S	S	S	1.103
45	PERCHLORETHELYENE Cl ₂ C=CCL ₂	U	U	U	S	S	F	S	T	S	F	F	F	F	F	F	F	T	
46	PHOSPHORIC ACID (AREATED) H ₃ PO ₄	T	F	T	S	S	U	F	T	S	T	F	U	U	U	U	U	T	1.78
47	PHOTOGRAPHIC SOLUTION																		
48	POTASSIUM SULPHATE K ₂ SO ₄	S	S	S	S	S		S	S	U	U	S	S	S	U	U	U	U	
49	PROPANE GAS LIQUID C ₃ H ₈	S	T	U	S	S	U	S	S	U	S	S	S	U	U	U	U	F	1.554
50	SEWAGE	S	S	S	S	S	F		U			U		U				U	
51	SODIUM HYDROXIDE (caustic Soda) NaOH	T	S	T	T	S	T		U	U	F	S	F	T	T	T	T	F	
52	STEAM CONDENSATE	S	S	S												S			
53	STODDARTE SOLVENT	S	U	F	S						S	S	S	S		S	S		
54	SULPHURIC ACID	U	T	U	S	S	U	U	F	T	T	T	T	T	U	U	U	F	1.83
55	TOULENE CH ₃ C ₆ H ₅	U	U	U	S	S	S	S	S	S	S	S	S	S	S	S	S	S	
56	TRICHOLO ETYLENE								S		S	S	S	T		S	S	T	0.87
57	TRISODIUM PHOSPATE - TSP	S		S		S	T	F	U		F	S	F	S	S			U	
58	TURPENTINE	S	U	T	F	S	F	S	F		F	F	F	F	F	F	F	F	1.00
59	VEGETABLE OIL	F	S		S	S			S		S	S	F	S			T	S	
60	VINEGAR	T	S	T	S	S	F	S			F	F	F	T	T	F	U	T	1.08
61	VINYL CHLORIDE CH ₂ CHCl			S		S	U				T	F		T	T	U	U		
62	WATER - BOILER FEED	S		T	T	S	F	S	F	S	S	S	S	T		F	T	F	
63	WATER - CARBONATED	T	S		S	S	F		F		S	S	S			F	F	F	
64	WATER - CONDENSATE	S	S	T	T	S	F	S	F	S	S	S	S	T		F	T	F	
65	WATER-DISTILLED DEMINERAL-DEIONISE	T	S		S	S	T		S	S	S	S	S	U	U	T	T	S	
66	WATER - SEA	S	S	S	S	S	F	S	U		T	F	U	U	U	S	U	U	1.02