MATERIAL COMPATABILITY WITH VARIOUS GASES

GAS	IRON	BRONZE	ALUMINUM	BUNA - N	NEOPRENE	FKM	PTFE
Acetic Acid, Diluted			G		F		G
Acetone	G	G	G		F		G
Acteylene	G		G				G
Alr	G	G	G	G	G	G	G
Alpha-Methyl-Styrene	G	G	G	F	F	G	G
Ammonia, Anhydrous	G		G	F	G		G
Ammonium Carbonate	G		G		G	F	G
Ammonium Chloride	F			G	G	G	G
Ammonium Nitrate	F	G	G	G	G	G	G
Ammonium Phosphate				G		G	G
Ammonium Sulfide				G	G		G
Ammonium Sulfate	G		F	G	G		G
Amyl Acetate	G	G	G				G
Amyl Alcohol	G			F		F	G
Amyl Chloride	G						G
Aniline	G	G	G			F	G
Benzene (Benzol)	G	G	G			F	G
Benzyl Alcohol					F	G	G
Butadiene	G	G	G	G	F	G	G
Butane	G	G	G	G	F	G	G
Butyl Acetate	G	G	G				G
Butyl Alcohol	G	G	G	G		G	G
8utylene	G	G	G	F		G	
Carbollc Acid (Phenol)	G		G			G	G
Carbon Dioxide	G	G	G	G	F		G
Carbon Dlsulfide	F	F	F			G	G
Carbon Monoxide				G	F	G	
Carbon Tetrachlorlde	G	F	F	G		G	G
Carbonic Acid	G		G				G
Chlorinated Water							G
Chlorine Gas (Dry)	G				F	G	G
Chloroethane (Ethyl Chloride)	G			F		G	
Chloroform	F	G				G	
Chlorothene	G	G	G			G	G
Creosote	G	G		G		G	G
Cyclohexane	G	G	G	F	F	G	G
Cyclohexanol				F	F	G	
Diethyl Ether	F	G	G				
Dibutyl Ether	F	G	G			F	
Dichlorobenzene						G	
Dichloroethane	G	G				F	G
Dichloromethane	G					F	
Dichloropentane							
Diesel Fuel Oils	G	G	G	G	F	G	G
Dimethanolmine	G				G		G
Diethylamine	G			G			

GAS	IRON	BRONZE	ALUMINUM	BUNA - N	NEOPRENE	FKM	PTFE
Diethylene Glycol	G			G	G	G	G
Diethyl Ether	G						G
Dimethyl Amine (DMA)	G				F	F	G
Dimetyl Ether (DME)	G	G	G	G		G	G
Ethane	G	G	G	G	G	G	G
Ethanolamine	G		G	F	F		
Ether	G	G	G	F			G
Ethyl Acetate	G	G	G				G
Ethyl Alcohol	F	G	F	G	G	G	G
Ethyl Benzene	G					G	
Ethyl Chloride	G	G	G	G	G		G
Ethyl Ether	G	G	G	F			G
Ethyl Mercaptan	G					F	
Ethylene	G		G	G			G
Ethylene Chloride						F	
Ethylene Dichloride	G	G				F	G
Ethylene Glycol	G	G	G	G	G	G	G
Ethylene Oxide	F						G
Fluorine			G			F	
Formaldehyde		G	G	G	G		G
Formic Acid					G		G
Fuel Oils	G	F	G	G	F	G	G
Furfural	F	G	G		F		G
Gasoline	G	G	G		F	G	G
Glycerine	F	F	G	G	G	G	G
Glycol							
Helium	G	G	G	G	G	G	G
Heptane	G	G	G	F	F	G	G
Hexane	G	G	G	F	F	G	G
Hydrogen	G	G	G	G	G		G
Hrdrogen Chloride	G						G
Hydrogen Sulfide	G		G				G
Isobutane	G	G	G	G	F		G
Isobutyl Acetate	G	G	G				G
Isobutyl Alcohol	G			G		G	G
Isobutylene	G					G	G
Iso-Octane					G		
Isopentane	G			G			G
Isopropyl Alcohol	G	G	G	F		G	G
Isopropyl Ether				F			
Isotane				G		G	
Jet Fuel: JP 3/4/5	G	G		G			G
Kerosene	G	G	G	G	F	G	G
Lacquer	G	G	G				G
Linoleic Acid		G	G	F		G	G
Magnesium Chloride		G		G	G	G	G

MATERIAL COMPATABILITY WITH VARIOUS GASES

GAS	IRON	BRONZE	ALUMINUM	BUNA - N	NEOPRENE	FKM	PTFE	GAS	IRON	BRONZE	ALUMINUM	BUNA - N	NEOPRENE	FKM	PTFE
Magnesium Sulfate	G	G	F	G	G	G	G	R14	G	G	G	G	G	G	G
Mapp Gas	G		G		G	G	G	R21	G	G	G		F		G
Methane	G	G	G	G	G	G	G	R22	G	G	G		G		G
Methyl Alcohol (Methanol)	G	G	G	G	G		G	R31	G	G	G		G		
MethylamineDi- (DMA)	G				F	F	G	R32	G	G	G	G	G		
Methyl Chloride (dry)	G	G	N			G	G	Rll2	G	G	G	F	F	G	
Methylene Chloride	G	G	G			F	G	R113	G	G	G	G		G	G
Methyl Ethyl Ketone	G	G	G	F	F		G	R114	G	G	G	G	G	G	G
Methyl Isobutyl Ketone	G						G	R114B2				G	G	G	G
Mineral Oil	G	G	G	G	F	G	G	R115	G	G	G	F	G	G	G
Monoethanolamine (MEA)	G						G	K142B				G	G	F	
Naptha	G	G	G	F		G	G	K152A				G	G		
Napthalene	G	G	G			G	G	C318	G	G	G	G	G	G	G
Natural Gas	G	G	G	G	G		G	C502	G	G	G	G	G		G
Nitrogen	G	G	G	G	G	G	G	SodiumHydroxide	G	G		G	G	F	G
Nitroethane	G	G					G	Sodium Silicate	G			G	G	G	G
Nitromethane	G	G					G	Sodium Sulfate	G	G	G	G	G	G	G
Nitrous Oxide					G	G	G	Sodlum Sulfide	F			G	G	G	G
N-Pentane	G			G	G	G		Stoddard Solvent	G	G	G	G		G	G
Oleic Acid		G	G					Styrene	G	G	G	F	F	G	G
Oxygen	G	G	G			G		Sulfur Dioxide	G	F	G	G	F	G	G
Pentane	G	G		G	G	G	G	Sulfur Hexaflouride	G	G	G	G	G		G
Perchlorethylene	G	G	G	F		G	G	Tertachlorethene						G	
Phenol (Carbolic Acid)	G	G	G			G	G	Tetrachloroethylene	G					G	G
Phenyl Chloride	G					G	G	Tetraethyl Lead	G			G		G	G
Propane	G	G	G	G	G	G	G	Toluene	G	G	G			G	G
Propene (Propylene)	G					G	G	1,1,2 Trichloroethane	G					G	
Propylene Dichloride	G	G				G	G	Trlchloroethylene (Dry)	G	G	G			G	G
Propylene Glycol	G			G		G	G	Trichloropropane	G			G	G	G	
Propylene Oxide	G						G	Triethylene Glycol	G			G		G	G
Pyride							G	Turpentine	G	F	G		F	G	G
Refrigerant Gases:								Vinyl Acetate	G	G			G		
R11	G	G	G	G		G	G	Vinyl Chloride	G				F	G	G
R12	G	G	G	G	G		G	Vinyl Floride	G			F	F		G
R13	G	G	G	G	G	G	G	Xylene	G	G	G			F	G
R1301 or R13B1	G	G	G	G	G		G								

COMPATABILITY GUIDE: G=GOOD, F=FAIR, N=NO