



Fluid Power Specialist



Fitting & Seal Fluid Compatibility Sheet

Satisfactory = S

Poor = P

Not Recommended = N

Unknown = U



	Fitting Material				Seal Material		
Media	Brass	Steel	316ss	Buna	Ehtylene Propylene	Viton	Neoprene
Acetylene	N	P	S	S	S	S	P
Air (Oil Free) @ 190 F	S	P	S	S	S	S	S
Air (Oil Free) @ 300 F	S	P	S	P	P	S	P
Air (Oil Free) @ 400 F	S	P	S	N	N	S	N
Alcohol, Ehtyl	S	N	N	N	S	N	S
Animal Oils (Lard)	P	P	P	S	P	S	P
Aromatic Fuel- 50%	U	U	U	P	N	S	N
Aromatic Solvents	U	U	P	P	U	S	N
Asphalt	N	N	S	P	N	S	P
Astm #1 Oil	S	S	S	S	N	S	S
Astm #2 Oil	S	S	S	S	N	S	P
Astm #3 Oil	S	S	S	S	N	S	N
Astm #4 Oil	S	S	S	P	N	S	N
Atf Oil	S	S	S	S	N	S	P
Brake Fluid (Automotive)	U	U	U	N	S	N	P
Benzene	N	P	N	N	N	S	N
Brine (Soduim Chloride)	N	N	S	S	S	S	S
Butane	N	S	S	S	N	S	S
Carbon Dioxide	S	P	S	S	S	S	S
Carbon Monoxide	S	S	S	S	S	S	S
Chlorine (Dry)	P	P	N	N	U	P	P
Compressed Air	S	P	S	S	S	S	S
Crude Oil	N	P	S	P	N	S	N
Cutting Oil	U	S	S	S	N	S	P
Diesel Fuel	S	S	S	S	N	S	N
Ethanol	S	N	N	N	S	N	S
Ethers	S	S	S	N	P	P	N
Freon 11	S	U	U	P	N	P	N
Freon 12	S	S	N	P	N	S	S
Freon 22	S	N	S	N	N	N	S
Fuel Oil	N	S	S	S	N	S	P
Gasoline	S	P	S	S	N	S	N
Gas,Liquid Propane (Lpg)	S	S	S	S	N	S	P
Gas, Natural	P	S	S	S	N	S	S
Heluim	S	S	S	S	S	S	S
Hydraulic Oil, Petroleum Base	S	S	S	S	N	S	S
Hydraulic Oil , Water Base	U	S	S	P	S	N	P
Hydrogen Gas	S	S	S	S	S	S	S
Jet Fuel	S	S	S	S	N	S	N
Kerosene	S	S	S	S	N	S	P
Lubricating Oil SAE 10, 20, 30, 40	S	S	S	S	N	S	P
Methnaol	S	S	S	S	S	N	S
Mil-F-8192 (JP-9)	S	S	S	N	N	S	N
Mil-H-5606	S	S	S	S	N	S	P
Mil-H-6083	S	S	S	S	N	S	S
Mil-H-7083	S	S	S	S	S	P	P
Mil-H-8446 (MLO-8515)	P	S	S	P	N	S	S
Mil-H-2104 & 2104B	S	S	S	S	N	S	P
Mil-H-7808	U	P	S	P	N	S	N
Mineral Oil	S	S	S	S	N	S	P
NitRogen	S	S	S	S	S	S	S
Petrolateum	S	S	S	S	N	S	P
Petroleum Oil (<250 F)	S	S	S	S	N	S	P
Propane	S	S	S	S	N	S	P
R134A	S	S	S	N	S	N	N
Sea Water	P	N	S	S	S	S	P
Skydrol 500 Type 2	N	S	S	N	S	N	N
Skydrol 7000, Type2	N	S	S	N	S	P	N
Soap Solutions	N	N	S	S	S	S	P
Steam (<400 F)	P	S	S	N	S	N	N
Stoddard Solvent	P	S	S	S	N	S	P
Transmission Fluid (Type A)	S	S	S	S	N	S	P
Trichloroethane	U	P	S	N	N	S	N
Water	S	P	S	S	S	P	P