

Material Compatibility

	Aluminium	Copper	Brass	Steel	Stainless steel	Zinc	PTFE	PTFCE	PVDF	Polyamide	Polypropylene	Butyl rubber	Nitrile rubber	Chloroprene	Viton	Silicone	Ethylene propylene
Acetylene	A	NR		A	A		A	A		A	A	A	NR	NR	NR	NR	A
Air	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Allene	A	N		A	A		A	A			A						
Ammonia	A	NR	NR	A	A		A	A	NR	A	A	A	A	A	NR	NR	A
Argon	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Arsine	A		A	A	A		A	A	A			A		A	A		A
Boron trichloride	NR	A		A	A		A	A	A	NR	A	NR	NR	NR	A		
Boron trifluoride	NR	A	A	A	A		A	A	A	NR	A	NR	NR	NR	A		
Boron II trifluoride	NR	A	A	A	A		A	A	A	NR	A	NR	NR	NR	A		
1,3-Butadiene	A	A	A	A	A	A	A	A			A		NR	NR	A	NR	NR
n-Butane	A	A	A	A	A	A	A	A	A		A	NR	A	A		NR	NR
1-Butane	A	A	A	A	A	A	A	A					A	NR	A	NR	NR
cis Butene 2-	A	A	A	A	A	A	A	A		A			A	A		NR	
trans Butene 2-	A	A	A	A	A	A	A	A		A			A	A		NR	
Carbon dioxide	A	A	A	A	A	A	A	A	A	A	A	NR	NR	NR	NR	A	A
Carbon monoxide	A	A	A	A	A	A	A	A	A	A	A	NR	A	NR	A	A	A
Carbonyl fluoride	A	A	A	A	A		A	A				NR	NR				
Carbonyl sulphide	A				A		A	A	A	A		NR	NR	NR	A	A	NR
Chlorine	NR	A	A	A	A		A	A	A	NR		NR	NR	NR	A		NR
Cyanogen				A	A		A	A	A		A	NR	NR	NR	A	A	NR
Cyclopropane	A	A	A	A	A	A	A						A	NR	A	NR	NR
Deuterium	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Diborane	A	A	A	A	A		A	A	A	A	A	A	A	A	A	A	A

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Dichlorosilane	N	NR	N	A	NR		A	A	A	NR		NR	NR	NR	A	A	NR
Dimethylamine		N	N	A	A	N	A	A		NR		NR	NR	NR	NR	NR	A
Dimethyl ether	A	A	A	A	A	A	A	A	A				A	NR			A
Dimethyl propane 2,2-	A	A	A	A	A	A	A					NR					
Disilane	A	A	A	A	A	A	A	A	A								A
Ethane	A	A	A	A	A	A	A		A				A	NR	A	NR	NR
Ethyl acetylene	A	N		A	A		A					NR					
Ethyl chloride	N	A	A	A	A		A	A					NR	NR		NR	NR
Ethylene	A	A	A	A	A	A	A	A	A								
Ethylene oxide		A	A	A	A		A	A				NR	NR		NR		NR
Fluorine **	A	A	A	A	A	N	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Fluorocarbon 14 (Tetrafluoromethane)	A	A	A	A	A	NR	A	A	A	A	A	A	A	A	A	A	A
Fluorocarbon 152a (1,1-Difluoroethane)	A	A	A	A	A	NR	A			A			A	A	A	A	
FREON 11 (Trichlorofluoromethane)	A	A	A	A	A	NR	A	A									
FREON 12 (Dichlorodifluoromethane)	A	A	A	A	A	NR	A	A		A	A	A	A	A	A		
FREON 13 (Chlorotrifluoromethane)	A	A	A	A	A	NR	A	A		A	A	A	A	A	A		
FREON 13B1 (Bromotrifluoromethane)	A	A	A	A	A	NR	A	A		A	A	A	A	A	NR	NR	
FREON 22 (Chlorodifluoromethane)	A	A	A	A	A	NR	A	A		A	A	A	NR	A	NR		
FREON 113 (Trichlorotrifluoroethane)	A	A	A	A	A	NR	A	A	A	A	A	NR	A	A	A	NR	
FREON 114 (Dichlorotetrafluoroethane)	A	A	A	A	A	NR	A	A		A		A	A	A	A		A
FREON 115 (Chloropentafluoroethane)	A	A	A	A	A	NR	A	A		A			A	A	A		
FREON 500	A	A	A	A	A	NR	A	A		A							
FREON 502	A	A	A	A	A	NR	A	A		A			NR				A

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FREON 503	A	A	A	A	A	NR	A	A		A							
Germane	A	A	A	A	A		A	A	A			A		A	A		A
Germanium tetrafluoride		N	N			N	A										
Halocarbon 116 (Hexafluoroethane)	A	A	A	A	A	N	A	A		A							
Helium	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Helium 3	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Hydrogen	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Hydrogen bromide	NR	NR	N	A	A	N	A	A	A	NR		NR	NR	NR	A	NR	A
Hydrogen chloride		N	N	A	A	N	A	A	A	NR		NR	NR	NR	A	NR	A
Hydrogen fluoride	N	A	NR	A	NR	A	A	A	A	NR		NR	NR	NR	A	NR	A
Hydrogen selenide	A		A	A	A		A	A									
Hydrogen sulfide	A		A	A	A		A	A	A	NR		NR	NR	NR	A	NR	NR
Isobutane	A	A	A	A	A	A	A	A	A	A	A		A	A		NR	
Isobutene	A	A	A	A	A	A	A	A	A		A						
Krypton	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Methane	A	A	A	A	A	A	A	A	A	A	A		A	A	A	NR	NR
Methyl acetylene	A	NR		A	A		A										
Methyl bromide (R40BI)	N	A	A	A	A	NR	A	A					NR	NR	A		
Methyl 3 butene 1	A	A	A	A	A	A	A										
Methyl chloride	N	A	A	A	A	NR	A	A				NR	NR	NR	NR	NR	NR
Methyl mercaptan			A	A	A		A	A	A	A		NR	NR	NR	A	A	NR
Monoethylamine	A	N	N	A	A	N	A	A		NR		NR	NR	NR	NR	NR	A
Monomethylamine		N	N	A	A	N	A	A		NR		NR	NR	NR	NR	NR	A
Neon	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Nickel carbonyl				A	A		A	A									

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Nitric oxide				A	A		A	A	A	NR	NR	NR	NR	NR	A	NR	NR
Nitrogen	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Nitrogen dioxide		N	N		A		A	A	NR	NR	NR	NR	NR	NR	NR	NR	NR
Nitrogen trifluoride	A	A	A	A	A		A	A									
Nitrus oxide	A	A	A	A	A	A	A	A	A	A	A	NR	NR	NR	NR	A	NR
Oxygen	*	A	A	*	*		F	F	F	F	F	F	F	F	F	F	F
Perfluoropropane (R218)	A	A	A	A	A	N	A	A				A		A	A	A	
Phosgene	NR	A	A	A	A		A	A	A								
Phosphine	A		A	A	A		A	A									
Propane	A	A	A	A	A	A	A	A			A						
Propylene	A	A	A	A	A	A	A	A			A						
Silane	A	A	A	A	A	A	A	A	A			A		A	A		A
Silicon tetrachloride	N			A	A		A	A	A	NR		NR	NR	NR	A	NR	A
Silicon tetrafluoride	N	A		A			A	A	A	NR		NR	NR	NR	A	NR	A
Sulfur dioxide	A	A	A	A	A	N	A	A	A	NR	A		NR	NR	NR	A	A
Sulfur hexafluoride	A	A	A	A	A		A	A	A	A	A	A	A	A	A	A	A
Sulfur tetrafluoride	A	A	A	A			A	A	A	A	A	A	A	A	A	A	A
Sulfuryl fluoride	A	A	A	A	A		A	A									
SUVA HCFC-123 (1,1-Dichloro-2,2,2-trifluoroethane)	A	A	A	A	A	NR				A							
SUVA HCFC-124 (2-chloro-1,1,1,2 tetrafluoroethane)	A	A	A	A	A	NR				A							
SUVA HFC-23 (Trifluoromethane)	A	A	A	A	A	NR	A	A									
SUVA HFC-125 (Pentofluoroethane)	A	A	A	A	A	NR				A		A			N		
SUVA HFC-134a (1,1,1,2 Tetrafluoroethane)	A	A	A	A	A	NR	A	A					N				
SUVA HP62	A	A	A	A	A	NR				A					N		

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SUVA HP80	A	A	A	A	A	NR				A					N		
SUVA HP81	A	A	A	A	A	NR				A					N		
SUVA MP39	A	A	A	A	A	NR				A					N		
SUVA MP52	A	A	A	A	A	NR				A					N		
SUVA MP66	A	A	A	A	A	NR				A					N		
Trichlorosilane	N			A	A		A	A	A	NR		NR	NR	NR	A	NR	A
Trimethylamine		N	N	A	A	N	A	A		NR		NR	NR	NR	NR	NR	A
Tungsten hexafluoride	A	A	A	A	A		A	A	A			NR	NR	NR	NR		
Vinyl chloride	NR	NR	NR	A	A		A	A							A	A	
Vinyl methyl ether	A	N	N	A	A		A	A									
Xenon	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

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