

Transair Stainless Steel Chemical Compatibility

1 Compatible

2 Compatible (except for 3/4" & 1" bronze connectors)

3 Do not use

CHEMICAL PRODUCT	SYMBOL	SEAL SELECTION	
		EPDM	FKM
ACETALDEHIDE, ALDEHID ACID	C2H4O	2	3
ACETIC ACID (10%, 20°C)	CH3COOH	2	3
ACETIC ACID (50%, 20°C)	CH3COOH	3	3
ACETONE, PROPAN-2-ONE, DIMETHYL CETONE	C3H6O	1	3
AIR (DRY)		1	1
AIR (LUBRICATED)		3	1
AMMONIA LIQUID	NH3 + H2O	2	3
AMMONIUM HYDROXIDE	NH4OH	3	3
AMMONIUM NITRATE		2	2
AMMONIUM PHOSPHATE		3	2
ARGON (GAS)	AR	1	1
BORIC ACID (23°C)	H3BO3	1	1
BRINE	NACl + H2O	2	2
CALCIUM HYDROXIDE, SLAKED LIME	CA(OH)2	1	1
CARBOLIC ACID		3	3
CARBON MONOXIDE (60°C)	CO	1	1
CARBON DIOXIDE (DRY)	CO2	1	1
CARBON DIOXYDE (WET OR 60°C)	CO2	3	2
CARBON SULFITE		3	2
CHLORINE (SEA CHLORINATED FLUID)		3	3
CITRIC ACID (50%)	C6H8O7	2	2
DIACETONE ALCOHOL	C6H12O2	1	3
ETHANE-DIOL, MONOETHYLENE GLYCOL, MEG	C2H6O2	2	2
ETHYLENE GLYCOL	C2H4 (OH)2	1	1
FORMIC ACID, METHANOIC ACID	CH2O2	3	3
GALLIC ACID (5%)	C7H6O5	1	1
GLYCOL		1	1
GLYCOLIC ACID (50%)		3	3
HELIUM (GAS)	HE	1	1
HYDRAULIC FLUID - MINERAL OIL	-	3	1
HYDRAULIC FLUID - PETROLEUM BASED	-	3	1
HYDRAULIC FLUID - SILICONE BASED	-	1	1
HYDROFLUORIDRIC ACID	HF	3	3
HYDROGEN BROMIDE (20%)	HBR	3	3
HYDROGEN PEROXIDE (30%)	H2O2	3	1
HYDROGEN SULFIDE	H2S	3	3
HYDROLCHLORIC ACID (3%), HYDROGEN CHLORIDE	HCl	3	3

CHEMICAL PRODUCT	SYMBOL	SEAL SELECTION	
		EPDM	FKM
METHANOL, METHYL ALCOHOL (MKB, MEK, MIBK)		1	3
METHYL ALCOHOL	CH4O	1	3
MINERAL OIL		3	1
MOTOR OIL		3	1
MPG, MONO PROPYLEN GLYCOL	C3H8O2	2	2
NAPHTA		3	1
NITRIC ACID	HNO3	3	3
NITROGEN (GAS)	N	1	1
OIL ASTM N°1		3	1
OIL ASTM N°2		3	1
OIL ASTM N°3		3	1
OXALIQUE ACID (10%, 23°C)	HOOC-COOH	2	2
OXYGEN (>20%)	O	3	3
OZONE	O	2	2
PERCHLORIC ACID (70%)		3	3
PHOSPHATE ESTER HYDRAULIC FLUID, SKYDROL		1	3
PHOSPHORIC ACID, ORTHOPHOSPHORIC ACID	H3PO4	2	2
POTASSIUM HYDROXIDE (50%, 85°C)	KOH	2	3
SEA WATER	H2O, NACl	2	2
SILICON EMULSIONS		1	1
SODIUM BICARBONATE, BAKING SODA (23°C)		1	1
SODIUM CARBONATE		1	1
SODIUM HYDROXIDE, CAUSTIC SODA (50%)	NAOH	2	3
SODIUM NITRITE		2	2
SODIUM PEROXIDE	NA2O2	3	3
SODIUM PHOSPHATE	NA3PO4	2	2
SODIUM SULPHATE	NA2SO4	1	1
AQUEOUS SOLUTION OF DETERGENT		2	2
SULFURIC ACID (10%, 20°C)	H2SO4	3	3
TARTRIC ACID (50%, 23°C)		3	2
TRICHLORETHYLENE, TRICHLORIDE ETHYLENE	C2HCl3	3	3
TRIETHANOLAMINE, TEA	C6H15O3N	2	3
WATER DEMINERALISED	H2O	2	2
WATER DRINKABLE	H2O	3	3
WATER INDUSTRIAL	H2O	1	1
WATER WITH CHLORINE (5%, 23°C)	H2O, Cl, NAOCI	3	3

This information is given for information only.
For further information and specific conditions of use, please contact our technical department.

Visit www.parker.com/transair for more information on Transair for Stainless Steel piping.

