



BFC-1000 Safety Data

Please take a few minutes to read this guide, and then save it for future reference. Failure to follow the warnings below could result in injury.

- Always wear eye protection when operating or performing maintenance on products.
- Always wear hearing protection when operating or performing maintenance on products.
- Never exceed maximum rated temperature listed on product labels and catalogs. Higher temperatures can lead to shorter life expectancy of our products and/or product failure.
- Never exceed maximum rated pressure listed on product labels and catalogs. Higher temperatures can lead to shorter life expectancy of our products and/or product failure.
- Products are intended for compressed air systems, except where specified otherwise. Consult factory for use with other fluid (liquid or gas).
- Do not use for breathing applications.
- Turn off the air supply and bleed the air pressure before performing maintenance on products.
- Follow all installation and maintenance instructions on product stuffers.
- Install products in a location where damage from external hazards will be avoided.
- Do not install product where exposed to direct sunlight.
- Do not install product in areas of high vibration and/or shock.
- Do not install product where exposed to radiant heat.
- Ensure all pipes are free of excessive dirt and liquids before installing products.
- Ensure an easily accessible emergency shut off valve has been installed in the air supply line.
- Ensure all hoses and fittings are correct size, are properly installed, and rated above maximum air line pressure.
- Products should be easily accessible for maintenance and adjustment.
- Products are not designed for working in explosive environments or near flammable materials.
- Do not remove any labels from product.
- Do not modify product.
- Do not use product if damaged.
- Do not use hoses and fittings if damaged.
- Keep area around product clean, ventilated and illuminated.
- Product is not insulated against electric shock.
- Do not use product when exhausted or under the influence of medications, drugs or alcohol.
- Periodically discharge accumulated liquids from bowl. Do not permit liquid level to reach filter elements. For products with manual drains, follow instructions on product stuffer. For products with automatic drains, confirm drain operates properly.

ATLAS AIR & WATER

PO Box 283 • Lakeland, MN 55043 • Phone: (612)940-9946 • Fax: (651) 490-3450
sales@atlasairandwater.com • atlasairandwater.com



Polycarbonate/Nylon Warning

Certain compressor oils, chemicals, household cleaners, solvents, paints, and fumes will attack plastic bowls, bowl rings and reservoirs and can cause failure. Do not use near these materials. When bowl or reservoir becomes dirty, replace it or clean with mild soap and water. Immediately replace any crazed, cracked, damaged, or deteriorated plastic bowl with a metal bowl. Plastic bowls and reservoirs should be protected from direct sunlight.

Some Materials That Will Attack Polycarbonate

Acetaldehyde, Acetylene chloride, Acetic acid (conc.), Acetone, Acetonitrile, Acetophenone, Acrylic acid, Acrylonitril, Ammonia, Ammonium fluoride, Ammonium hydroxide, Ammonium sulfide, Anaerobic adhesives and sealants, Antifreeze, Benzene, Benzene hexachloride, Benznitrite, Benzoic acid, Benzyl alcohol, B.H.C., Brake fluids, Bromobenzene, Butyric acid, Carboic acid, Carbon disulfide, Carbon tetrachloride, Caustic potash solution, Caustic soda solution, Chlorobenzene, Chloroform, Chromic acid, Citric acid, Cresol, Cyclohexanol, Cyclohexene, Cyclohexanone, Dibutyl phthalate (DBT), Dichlorobenzene, Dimethyl formamide, Dimethyl phthalate (DEP), Dioctyl phthalate (DOP), Diane, Ethane tetrachloride, Ethyl acetate, Ethyl ether, Ethylamine, Ethylbenzene, Ethylene chloride, Ethylene chlorohydrin, Ethylene dichloride, Ethylene glycol, Ether alcohol, Fluoric acid, Formic acid (conc.), Freon (refrig. & propell.), Gasoline (high aromatic), Glycolic acid, Hydrazine, Hydrochloric acid (conc.), Lacquer thinner, Lactic acid, Malic acid, Methyl alcohol, Methylamine, Methyl chloride, Methylene chloride, Methylene salicylate, Methyl ether, Methyl ethyl ether, Methyl ketone, Milk of lime (CaOH), Naphtha, Naphthol, Nitric acid (conc.), Nitrobenzene, Nitrocellulose lacquer, Nitroethane, Nitroethylene, Nitromethane, Oxalic acid, Phenol, Phosphoric acid, Phosphorous hydroxychloride, Phosphorous trichloride, Phthalic acid, Potassium bichromate, Potassium nitrate, Propionic acid, Pyridine, Sodium carbonate, Sodium sulfide, Styrene, Sulfuric acid (conc.), Sulfate of soda, Sulphural chloride, Tartaric acid, Tetrahydronaphthalene, Thiophene, Toluene, Turpentine, Xylene, Perchloroethylene and others

Trade Names of Some Compressor Oils, Rubber Compounds, and Other Materials that will Attack Polycarbonate

Atlas "perma-Guard", Buna N, Cellulube #150 and #220, Crylex #5 cement, Eastman #910, Garlock #98403 (polyurethane)*, Haskel #568-023, Houghton & Co. oil #1120, #1130 & #1055, Houtosafe 1000, Kano Krail, Keystone penetrating oil #2, Loctite #271, #290, and #1055*, Loctite Teflon-Sealant*, Marvel Mystery Oil*, Minnesota Rubber 366Y, National Compound #N11, Nylock VC-3, Parco #1306 Neoprene, Permabond #910*, Petron PD287, Prestone, Pydraul AC, Sears Regular Motor Oil, Sinclair Oil "Lilly White", Stauffer Chemical FYRQUEL #150, Stillman #SR 269-75 (polyurethane), Stillman SR 513-70 (neoprene), Tannergas, Telar, Tenneco anderal #495 and #500 oils, Titon, Vibra-tite*, Zerex (* indicates when in raw liquid form)

Some Materials That Will Attack Nylon

Acetic acid (conc.), Acetone, Acrylonitrile, Allyl alcohol, Ambric acid, (sat.), Amino acetic acid 10%, Ammonium iron sulfate 10%, Ammonium sulfide 40%, Amyl alcohol, Antimony chloride 40%, Ballidol (Gun Oil), Basic Cleaning Agent (Henkel), Benzaldehyde, Benzoic acid (sat.), Bromine (liquid), 1,3-Buntanediol, Butanon (MEK), n-Butyl alcohol, tert. Butyl alcohol, Butylene glycol, Calcium hypochlorite wash, Chloramine 1% and 10%, Chlorine water (2 mg Cl/l), Chloroform, Chlorosulphonic acid, Chromium trioxide 50%, Crotonaldehyde (conc.), Cyclohexene, Dextrine (sat.), Diamine hydrate 80%, 1,2-dichloroethane, 1,2-dichloroethylene, Di-flouro-chloromethane, Diglycolic acid 30%, Dimethyl formamide, 1,4-Dioxane, Ensoline, Esso 560/M 92 (compressor oil) (560/M satisfactory), Ethyl alcohol denatured 96%, Ethyl amine 33%, Ethylene chlorohydrin, Ethylene diamine, Ethylene glycol, Ferrous sulphate 10%, Formic acid (conc.), Frigen 20 (Monofluorodichloromethane), Frigen 22 (Difluorodichloromethane), Frigilux Bo (2 and 4% cooling lubricant), Futuryl acid, Hydrazine hydrate (80% sol.), Hydrochloric acid (conc.), Iron ammonium II sulphate 10%, Iron ammonium III sulphate 10%, Isoamyl alcohol, Isopropanol, Methylene chloride, Methyl ethyl ketone (MEK), Nitric acid (conc.), Nitric acid 2%, 10%, 30%, Petrol-methanol mix (95:5 parts), Phosphoric acid 10%, Potassium chloride (sat.), Potassium hydroxide 10%, n-Propanol, Propylene glycol, Pydraul 150a & 230a, Shell Dextron B 10429 Donax T 6, Skydrol 500A, Skydrol 7000, Sulphuric acid 1n, Sulphuric acid 96%, Sulphurous acid 6%, Tartaric acid (sat.), Tego-diocto (disinfectant & cleaning agent),

ATLAS AIR & WATER

PO Box 283 • Lakeland, MN 55043 • Phone: (612)940-9946 • Fax: (651) 490-3450
sales@atlasairandwater.com • atlasairandwater.com

AAW1012 (2 of 2) 020413