

**MIFAB®****PROFORMER®****CHEMICAL RESISTANCE CHART**

The Chart below rates the chemical resistance of the T1400 polypropylene trench drain bodies to various chemicals and temperatures at the maximum concentration percentage.

A = Minimal Effect - Suitable for all applications where these environmental conditions exist.

B = Limited Absorption or Attack - Suitable for most applications, but the user is advised to test to determine suitability in the particular environment.

C = Extensive Absorption and/or Rapid Permeation - Suitable for applications where only intermittent service is involved, or where the swelling produced has no detrimental effect on the part. The user should test to determine the suitability. in the particular environment.

D = Extensive Attack - The product will dissolve or disintegrates. Not recommended.

ENVIRONMENT	CONCENTRATION %	TEMPERATURE °C/F°			ENVIRONMENT	CONCENTRATION %	TEMPERATURE °C/F°		
		20	60	100					
ACETIC ACID (GLACIAL)	97	A	B	-	CHROMIC ACID	50(a)	A	A	-
ACETIC ACID	50	-	(80°C)(177°)	-	CHROMIC ACID	10(a)	A	A	-
ACETIC ACID	-	-	(80°C)(177°)	-	CHROMIC/SULFURIC ACID	-	D	D	-
ACETIC ACID	40	A	-	-	CIDER	-	A	A	-
ACETIC ACID	10	A	A	-	CITRIC ACID	10	A	A	-
ACETONE	100	A	A	-	COPPER CHLORIDE	Satd.	A	A	-
ACETOPHENONE	100	B	B	-	COPPER CYANIDE	Satd.	A	A	-
ACRIFLAVINE	2	A	A	-	COPPER FLUORIDE	Satd.	A	A	-
2% SOLUTION IN H2O	-	-	(80°C)(177°)	-	COPPER NITRATE	Satd.	A	A	-
ACRYLIC EMULSIONS	-	A	A	-	COPPER SULFATE	Satd.	A	A	-
ALUMINUM CHLORIDE	-	A	A	-	COTTONSEED OIL	-	A	A	-
ALUMINUM FLUORIDE	-	A	A	-	CUPROUS CHLORIDE	Satd.	A	A	-
ALUMINUM SULFATE	-	A	A	-	CYCLOHEXANOL	100	A	B	-
ALUMS (ALL TYPES)	-	A	A	-	CYCLOHEXANONE	100	B	C	-
AMMONIA (AQUEOUS)	30	A	A	-	DECALIN	100	C	C	C
AMMONIA GAS (DRY)	-	A	-	-	DETERGENTS	2	A	A	A
AMMONIUM CARBONATE	Satd.	A	A	-	DEVELOPERS (PHOTGRAPHIC)	-	A	A	-
AMMONIUM CHLORIDE	Satd.	A	A	-	DIBUTYL PHTHALATE	100	A	B	D
AMMONIUM FLUORIDE	20	A	A	-	DICHLOROETHYLENE	100	A	-	-
AMMONIUM HYDROXIDE	10	A	A	-	DIETHANOLAMINE	100	A	A	-
AMMONIUM METAPHOSPHATE	Satd.	A	A	-	DIISOOCTYL PHTHALATE	100	A	A	-
AMMONIUM NITRATE	Satd.	A	A	-	EMULSIFIERS	-	A	A	-
AMMONIUM PERSULFATE	Satd.	A	A	-	ETHANOLAMINE	100	A	A	-
AMMONIUM SULFATE	Satd.	A	A	-	ETHYL ACETATE	100	B	B	-
AMMONIUM SULFITE	Satd.	A	A	-	ETHYL ALCOHOL	96	A	A	A
AMMONIUM THIOCYANATE	Satd.	A	A	-	-	-	-	-	(80°C)(177°F)
AMYL ACETATE	100	B	C	-	ETHYL CHLORIDE	100	C	C	-
AMYL ALCOHOL	100	A	B	-	ETHYLENE DICHLORIDE	100	B	-	-
AMYL CHLORIDE	100	C	C	-	ETHYLENE GLYCOL	-	A	A	-
ANILINE	100	A	A	-	ETHYLENE OXIDE	100	B	-	-
ANISOLE	100	B	A	-	-	-	(10°C)(49°F)	-	-
ANTIMONY CHLORIDE	-	A	A	-	ETHYL ETHER	100	B	-	-
AQUA REGIA	(a)	B	B	-	FATTY ACIDS (C6)	100	A	A	-
AVIATION FUEL (115 145 OCTANE)	10	B	C	-	FERRIC CHLORIDE	Satd.	A	A	-
AVIATION TURBINE FUEL	100	B	C	-	FERRIC NITRATE	Satd.	A	A	-
BARIUM CARBONATE	Satd.	A	A	-	FERRIC SULFATE	Satd.	A	A	-
BARIUM CHLORIDE	Satd.	A	A	-	FERROUS CHLORIDE	Satd.	A	A	-
BARIUM HYDROXIDE	-	A	A	-	FERROUS SULFATE	Satd.	A	A	-
BARIUM SULFATE	Satd.	A	A	-	FLUOSILICIC ACID	-	A	A	-
BARIUM SULFIDE	Satd.	A	A	-	FORMALDEHYDE	40	A	A	-
BEER	-	A	A	-	FORMIC ACID	100	A	A	-
BENZENE	100	B	C	C	FORMIC ACID	10	A	A	-
BENZOIC ACID	-	A	A	-	FRUCTOSE	-	A	A	-
BENZYL ALCOHOL	-	A	A	-	FRUIT JUICES	-	A	A	-
-	-	-	(80°C)(177°)	-	FURFURAL	100	C	C	-
BISMUTH CARBONATE	Satd.	A	A	-	-	-	-	-	-
BORAX	-	A	A	-	GAS LIQUOR	-	C	-	C
BORIC ACID	-	A	A	-	GEAR BOX OIL	100	A	B	-
BRINE	Satd.	A	A	-	GELATIN	-	A	A	-
BROMINE LIQUID	100	D	-	-	GLUCOSE	20	A	A	-
BROMINE WATER	(a)	C	-	-	GLYCERIN	100	A	A	A
BUTYL ACETATE	100	C	C	-	GLYCOL	-	A	A	-
BUTYL ALCOHOL	100	A	A	-	HEXANE	100	A	B	-
-	-	-	-	-	HYDROBROMIC ACID	50(a)	A	A	-
CALCIUM CARBONATE	Satd.	A	A	-	HYDROBROMIC ACID	30(a)	A	B	D
CALCIUM CHLORATE	Satd.	A	A	-	HYDROCHLORIC ACID	20(a)	A	A	-
CALCIUM CHLORIDE	50	A	A	-	-	-	-	(80°C)(177°F)	-
CALCIUM HYDROXIDE	-	A	A	-	HYDROCHLORIC ACID	10	A	A	B
CALCIUM HYPOCHLORITE BLEACH	20	A	B	-	-	-	-	(80°C)(177°F)	-
CALCIUM NITRATE	-	A	A	-	HYDROCHLORIC ACID	2	A	A	A
CALCIUM PHOSPHATE	50	A	-	-	50-50 HCl-HNO3	(a)	B	D	-
CALCIUM SULFATE	-	A	A	-	50-50 HCl-HNO3	(a)	B	D	-
CALCIUM SULFITE	-	A	A	-	-	-	-	(80°C)(177°F)	-
CARBON DIOXIDE (DRY)	-	A	A	-	HYDROFLUORIC ACID	40	A	-	-
CARBON DIOXIDE (WET)	-	A	A	-	HYDROFLUORIC ACID	60(a)	A	A	-
CARBON DISULFIDE	100	B	C	-	-	-	-	(40°C)(104°F)	-
CARBON MONOXIDE	-	A	A	-	HYDROGEN CHLORIDE GAS (DRY)	100	A	A	-
CARBON TETRACHLORIDE	100	C	C	C	HYDROGEN PEROXIDE	30	A	-	D
CARBONIC ACID	-	A	A	-	HYDROGEN PEROXIDE	10	A	B	-
CASTOR OIL	-	A	-	-	HYDROGEN PEROXIDE	3	A	-	-
CETYL ALCOHOL	100	A	-	-	HYDROGEN SULFIDE	-	A	A	-
CHLORINE (GAS)	100	D	D	-	HYDROQUINONE	-	A	A	-
CHLOROBENZENE	100	C	C	-	-	-	-	-	-
CHLOROFORM	100	C	D	D	INKS	-	A	A	-
CHLOROSULFONIC ACID	100	D	D	D	IODINE TINCTURE	-	A	-	-
CHROME ALUM	-	A	A	-	ISOOCTANE	100	C	C	-
CHROMIC ACID	80(a)	A	-	-	-	-	-	-	-

