

# Chemical Compatibility of Aramus™ Film

Entegris Aramus™ products are constructed from high-grade, gamma stable fluoropolymers that are resistant to a variety of chemicals. All data is taken from information supplied by material manufacturers and available published information. All concentrations are 100% unless otherwise stated.

Chemical	Film compatibility
Acetic acid	Yes
Acetic anhydride	Yes
Acetonitrile	Yes
Ammonium hydroxide	Yes
Ammonium persulfate	Yes
Ammonium sulfate	Yes
Ammonia water	Yes
Aniline	Yes
Boric acid	Yes
n-Butyl alcohol 71-36-3	Yes
Calcium chloride	Yes
Calcium hydroxide	Yes
Calcium hypochlorite	Yes
Calcium nitrate	Yes
Calcium sulfate	Yes
Carbon tetrachloride	Yes
Citric acid	Yes
Cyclohexanone	Yes
Chloroform	Yes
Chloroacetic acid	Yes

Chemical	Film compatibility
Dextrin	Yes
Diethylamine	Yes
Diethylene glycol	Yes
Dimethyl formamide	Yes
Dimethyl sulfoxide (DMSO)	Yes
Dioxane	Yes
Disodium phosphate	Yes
Ethanol	Yes
Ethanol (90%)	Yes
Ethanol (70%)	Yes
Ethanol (40%)	Yes
Ethanol (10%)	Yes
Ethanolamine	Yes
Ethylene glycol	Yes
Ethyl acetate	Yes
Ethyl ether	Yes
Ethylene oxide	Yes
Formaldehyde	Yes
Formic acid	Yes
Ferric nitrate	Yes

<b>Chemical</b>	<b>Film compatibility</b>
Ferric sulfate	Yes
Glycerine	Yes
Glycine HCl	Yes
Glycolic acid	Yes
Guanadine HCl	Yes
n-Hexane	Yes
Hydrochloric acid (37%)	Yes
Hydrofluoric acid	Yes
Hydrogen peroxide (<30%)	Yes
Isopropanol	Yes
Lactic acid	Yes
Malic acid	Yes
Methanol	Yes
Methylene chloride	Yes
Methyl ethyl ketone	Yes
Nickel chloride	Yes
Nitric acid	Yes
Perchloric acid	Yes
Phenol	Yes
Phosphate buffered saline (PBS)	Yes
Phosphoric acid	Yes
Potassium bicarbonate	Yes
Potassium carbonate	Yes
Potassium hydroxide	Yes
Propylene glycol (50%)	Yes

<b>Chemical</b>	<b>Film compatibility</b>
n-Propanol	Yes
Pyridine	Yes
Sodium acetate	Yes
Sodium bromide	Yes
Sodium chloride	Yes
Sodium hydroxide (50%)	Yes
Sodium hypochlorite	Yes
Sodium phosphate (HPCE)	Yes
Sodium sulfate	Yes
Sodium thiosulfate	Yes
Soybean vegetable oil	Yes
Sulfuric acid	Yes
Tetrahydrofuran	Yes
Tetrachloroethylene	Yes
Toluene (50%)	Yes
Trichloroethane	Yes
Trichloroacetic acid	Yes
Trichloroethylene	Yes
Triethanolamine (TEA)	Yes
Tris buffer	Yes
Tween 20 (polysorbate)	Yes
Tween 80 (polysorbate)	Yes
Urea	Yes
Xylenes (dimethylbenzenes)	Yes

*Time, temperature and concentrations may vary; check with your Entegris Representative.  
Information valid for specified operating temperature of Aramus product.*

For other chemicals not listed, please contact your Entegris Representative.

Entegris, Life Sciences Laboratory is available for testing of your particular chemical concentrations.

## REFERENCES

*Fluoropolymer Handbook*, Sep.2011, EPHB-1 (002)SW

*Compass Publications Chemical Resistance Guide for Plastics*, ISBN 1-889712-03-5

## FOR MORE INFORMATION

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