

## Butterfly Valve Materials Selection

Technical Bulletin No. FL 5028

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The references below of available valve component materials and line media are a guide only. It is to be used as a basis for selecting suitable valve component materials to the applicable line media. In no way does this guide guaranty full valve component and line media compatibility. Only testing of components with line media assures compatibility.

The customer and or engineering firms representing the customer bares the full responsibility of complete compatibility of valve components with line media. In no way will **Flow Line Valve and Controls, L.L.C.** assume the responsibility for chemical resistance on various valve components that may affect the life expectancy of the valve.

The customer and or engineering firm representing the customer should always take into consideration factors of temperature, combinations of media components and media concentrations. The customers performing their own test are the only positive way of assuring compatibility.

	E = EXCELLENT      G = GOOD      U = UNSATISFACTORY      O = NOT TESTED							
		Nickel PI Duct. Iron	416 SS	316 SS	Alum. Bronze	Buna-N	EPDM	Viton
Ethyl Acetate	U	G	E	O	U	G	U	
Ethyl Acetoacetate	O	O	G	O	O	G	O	
Ethyl Acrylate	O	O	O	O	O	G	O	
Ethyl Chloride 5% 60° F	U	G	E	E	E	E	O	
Ethylene Dichloride	U	O	O	O	U	U	E	
Ethylene Glycol (Anti-Freeze)	G	E	E	E	E	E	E	
Ethylene Oxide	G	G	E	O	U	G	U	
Fatty Acids	E	E	E	O	G	G	E	
Ferric Chloride	U	U	O	U	U	G	E	
Ferric Nitrate (PH7+) 5% 60° F	U	O	E	O	G	G	E	
Ferric Sulphate 5% 60° F	U	O	G	U	E	E	E	
Ferrous Chloride	U	U	U	O	E	E	E	
Ferrous Sulphate	U	G	E	U	E	E	E	
Fertilizer Solutions	O	O	O	O	G	E	O	
Fish Solutions	O	O	G	O	E	U	O	
Fluoboric Acid	O	-	G	O	G	G	O	
Fluorine 70° F	U	U	U	U	G	O	U	
Fluosilicic Acid	U	U	G	E	G	E	U	
Formaldehyde 70° F	U	G	E	E	U	G	E	
Formic Acid 5% 150° F	U	G	E	E	U	E	U	
Freon 11	U	E	E	E	G	U	G	