

# Valve Selection Guide

The suitability of a valve for a particular application is decided by its materials in relation to the conveyed fluid as well as its mechanical design.

This chart is a guide to valve selection and indicates valves, which may be chosen to given applications.

Conveyed Fluid	Nature of Fluid	Valve Function	Type of Disc
Liquid	Neutral (Water, Oil, etc)	On/Off	Gate
		Regulating	Rotary ball
			Plug
			Diaphragm
			Butterfly
	alkaline etc.)	On/Off	Plug gate
		Regulating	Globe
			Butterfly
			Plug gate
			Diaphragm
Hygenic (Food, beverages, drugs etc)	On/Off	Needle	
	Regulating	Gate	
		Plug gate	
		Rotary ball	
		Plug	
Diaphragm	Regulating	Butterfly	
		Globe	
		Diaphragm	
Diaphragm	On/Off	Butterfly	
		Plug gate	
Diaphragm	On/Off	Butterfly	

		Regulating	Butterfly
	Slurry	On/Off	Diaphragm Squeeze Pinch Rotary ball Butterfly Diaphragm Plug Pinch Squeeze
		Regulating	Butterfly Diaphragm Squeeze Pinch Gate Gate
		Regulating	Diaphragm Squeeze Pinch
Gas	Neutral (Air, Steam etc)	On/Off	Gate Globe Rotary ball Plug Diaphragm
		Regulating	Globe Needle Butterfly Diaphragm Gate
	Corrosive (Acid vapors, chlorine etc.)	On/Off	Butterfly Rotary ball Diaphragm Plug
		Regulating	Butterfly Globe Needle

			Diaphragm
Solid	Vacum	On/Off	Gate Globe Rotary ball Butterfly
	Abrasive Powder (Silica, etc)	On/Off , Regulating	Pinch Squeeze Spiral sock
	Lubricating powder (graphite, talcum, etc)	On/Off , Regulating	Pinch Gate  Squeeze

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