

Valve Types for Specific Services

In case of specific services, choice of valve may be simplified by following established practice.

Services	Main	Secondary
Gases	Butterfly valves Check valves Diaphragm valves Lubricated plug valves Screw down stop valves	Pressure control valves Pressure relief valves Pressure reducing valves Safety valves Relief valves
Liquids – clear up to sludges and sewage	Butterfly valves Screw down stop valves Gate valves Lubricated plug valves Diaphragm valves Pinch valves	
Slurries and liquids with solids	Butterfly valves Pinch valves Gate valves Screw down stop valves Lubricated plug valves	
Steam	Butterfly valves Gate valves Screw down stop valves Turbine valves	Check valves Pressure control valves Pre superheated valves Safety and relief valves