

SOLUTIONS: WATER & WASTEWATER TREATMENT

PIPE AND VALVE RECOMMENDATIONS FOR BLEACH PACKAGING

Chemical	Valve	Materials	Pipe Material
Sodium Hydroxide (>60% concentration, Caustic Soda)	- Type-21a Ball Valve - Type-57P Butterfly Valve - Type-14 Dia. Valve	- PP/EPDM - PP/EPDM - PP/PTFE	- Proline [®] PRO150 PP - Super Proline [®] Halar [®] (ECTFE)* - Duo-Pro [®] Double Containment - Poly-Flo [®] PP Double Containment
Sodium Hydroxide (<60% concentration)	- Type-21a Ball Valve - Type-57P Butterfly Valve	- PP/EPDM - PP/EPDM	- Chem Proline [®] PE100-RC - Proline [®] PRO150 PP - Super Proline [®] Halar [®] (ECTFE)* - Duo-Pro [®] Double Containment - Poly-Flo [®] PP Double Containment
Sodium Hypochlorite (Bleach)	- Type-21a Vented Ball Valve - Type-57P Butterfly Valve - Type-14 Dia. Valve	- PVC/Viton - PVC/PVC/Viton - PVC/PTFE (w/ PVDF gas barrier)	- Super Proline [®] Halar [®] (ECTFE) (>20% Concentrations)* - Chem Proline [®] PE100-RC - Poly-Flo [®] Double Containment PE100-RC - Chem Prolok [®] Advanced PE - Duo-Pro [®] Double Containment
Compressed Air	- 1/2" - 2" Ball Valve	- Air-Pro [®] Ball Valve	- Air-Pro [®] Specially Formulated PE
Leak Detection	-	-	- Low point and full line cable leak detection options

* Special Considerations: For selection based on elevated temperatures, contact Asahi/America's Engineering Department.

Please Note: These are general recommendations. Please consult Asahi/America's Engineering Department.