

Chemtrol thermoplastic products are used in commercial construction, water and waste water treatment, metal and chemical processing, food and pharmaceuticals, mining, power plants, oil refineries and more.



U45TB, F45TB

True union ball valve
PVC schedule 80
250 PSI at 73°F ½" - 2"
150 PSI at 73°F 3" - 6"
Socket, threaded or flanged
PTFE seats
FKM or EPDM o-rings
NSF 14 & 61
ASTM F1970
½" - 6"



U51TB, F51TB

True union ball valve
CPVC schedule 80
250 PSI at 73°F ½" - 2"
150 PSI at 73°F 3" - 6"
Socket, threaded or flanged
PTFE seats
FKM or EPDM o-rings
NSF 14 & 61
ASTM F1970
½" - 6"



U45BC, U51BC

True union ball check valve
PVC schedule 80
CPVC schedule 80
150 PSI at 73°F
Socket, threaded or flanged
FKM or EPDM o-rings
NSF 14 & 61
3" - 6"



W45BG

Model C wafer butterfly valve
PVC schedule 80
150 PSI at 73°F
Lever handle or gear operator
EPDM encapsulated disc
SS shaft and PTFE-SS bushings
EPDM face o-rings
ANSI/NSF 61
2" - 10"



S65TB, S66TB

Model C true union ball valve
Kynar® PVDF schedule 80
Natural or red pigmented
150 PSI at 73°F
Socket or threaded
PTFE seats
FKM o-rings
½" - 4"



S61TB, S62TB

Model C true union ball valve
Polypropylene (PP) schedule 80
Natural or black pigmented
150 PSI at 73°F
Socket or threaded
PTFE seats
FKM o-rings
½" - 4"



Ball Check Valves

Natural or black PP
Natural or red Kynar® PVDF
150 PSI at 73°F
Socket or threaded
PTFE seats
FKM or EPDM o-rings
½" - 4"



Vertical 3-Way Valves

Vertical 3-way valves
True union design
3-way, 2 position ball or
3-way, 3 position ball
PVC or CPVC schedule 80
150 PSI at 73°F
Socket or threaded
PTFE seats
FKM or EPDM o-rings
½" - 2"



T45AC-V

Angle globe valve
PVC schedule 80
150 PSI at 73°F
Threaded
Glass reinforced PTFE seat
FKM o-rings
¼" - 1"



T45YP-V

Y-pattern globe valve
PVC schedule 80
150 PSI at 73°F
Threaded
Glass reinforced PTFE seat
FKM o-rings
¼" - 1"



Chemtrol® PP and PVDF Socket Fusion Joining

Equipment to heat fuse 1/2" through 6" Chemtrol PP and PVDF includes bench-mount machines for prefabrication assembly, handheld tools for more versatility, and all the accessories required for measuring, holding, and heating pipe and fittings. Only the Chemtrol heat face sets are acceptable for use with Chemtrol pressure pipe and fittings. View the installation instructions found in the Chemtrol Thermoplastic Piping Technical Manual that is available online at nibco.com.

Check out the "How to Join Chemtrol PP and PVDF Pipe and Fittings" video on the NIBCO YouTube channel: youtube.com/NIBCOVideos.

Chemtrol® Actuated Ball Valves

Control Chemtrol® ball valves with a selection of NIBCO® pneumatic or electric actuators. Options include double-acting and spring return pneumatic actuators; NEMA 4X electric actuators with heater and thermostat; modulating control: 3-15 psi and 4-20 mA; and easy-to-assemble mounting hardware. Contact NIBCO Technical Services at 888.446.4226 for more information.

