



Socket



Threaded



body materials

SAMPLE SPECIFICATION – SM SERIES

1. All plastic low flow control valves 1/2" to 1" will be Chemline SM Series Metering ball valves.
2. PVC valves with EPDM or FKM ("Viton®") seals will be 230 psi rated, suitable for temperatures up to 60°C/140° F.*
3. Polypropylene valves with EPDM or FKM ("Viton®") seals will be 150 psi rated, suitable for temperatures up to 80°C/176°F.*
4. Ball will molded solid with an outer V-groove for linear flow control over a 180-degree range of handle rotation.
5. Valves will have a position indicating scale 0 to 180 degrees with 5-degree increments, to allow fine flow control and settable flow rates.
6. Valves will have a threaded-in seat carrier for two-way blocking design and blowout-proof stem with double o-rings for safety.
7. Ball seats will be PTFE with elastomer cushions for positive closure and long life.
8. Valves will have a base with stainless steel threaded inserts for screws to panel mount or anchor the valve.
9. PVC Socket ends shall be Schedule 80 and conform to ASTM D-2467.
10. Threaded ends shall be Schedule 80 and conform to ASTM D-2464.
11. ChemFlare™ ends will be compatible with Chemline's ChemFlare™ leak-free tubing system.
12. PP Butt fusion ends in will be compatible with Chemline PP metric piping systems.
13. Every valve will undergo a factory hydrostatic pressure test to assure quality.

* At maximum temperatures, pressure ratings are lower than the maximums stated. Refer to the Chemline data sheet.