

# Caution!

By using this product the purchaser confirms the suitability of the units specifications to that of its intended use. Also, the manner of its use, and safety of its use, are the sole responsibility of the user.

## Instructions for Threading GC Valves Nylon-6 (PA6) and PVC Threaded Valve Bodies



**Attention:** Proper care must be taken while installing this or any plastic threaded valve into a piping system, or failure of the valve body may occur.

- 1. Pipe Sealant** - Apply a suitable thread sealant to the male NPT threads to ensure a leak-free union. Please note that **Sealant Tapes ( such as PTFE) are not recommended** as their use may lead to the failure of the valve body threaded ports. Seat leakage may also occur due to displaced material becoming entrapped between the main orifice and diaphragm seating surface.
- 2. Pipe Sealant Compatibility** - Reasonable care should be taken to ensure that sealants that come into contact with the valve body are compatible with Nylon-6/PVC plastic compounds. Also, thread sealants used on NSF-61-compliant valves must also be compliant with the standard to maintain certification.
- 3. Maximum Allowable Tightness** - Hand Tight Plus one 1/4 turn by hand or with a strap wrench. Do not use traditional tools, such as pipe wrenches will apply too much torque, resulting in damage to the valve body.
- 4. Connect to Plastic Pipe Fittings Only** - Metal fittings will damage plastic threads by stretching the female threaded portion of the valve body. This resulting damage will cause the valve body to distort or crack thus allowing the unit to leak or fail depending on the severity of the damage. Please use an appropriate metal to plastic adapter if metal piping is present.
- 5. Mounting Brackets** - The use of mounting brackets is suggested to aid in the prevention stress related damage caused by the weight of the valve and associated piping. Also, please ensure that all pipes are properly supported to further aid in the prevention of stress induced valve failure.

GC Valves Customer Service: 800-828-0484 (7:30 AM to 5:00 PM ET)

[service@gcvalves.com](mailto:service@gcvalves.com)  
[www.gcvalves.com](http://www.gcvalves.com)

