Stopcock Valves are precision machined devices that function in much the same way as a ball valve. When the handle points in the direction of flow, the valve is fully open; when the handle points perpendicular to the direction of flow, the valve is fully closed; and at the 45° position the valve is halfway open and thereby has a metering effect on the media flow.

The IPS Stopcock features an all PTFE wetted surface design. The design is ideally suited for harsh chemical and corrosive media and environments. Polytetrafluoroethylene (PTFE), commonly known by its popular E.I. DuPont trade name TEFLON®, is also well suited to clean room and deionized water applications.

The body, stem and ports are constructed from PTFE. For standard applications, external non wetted components are constructed from Polypropylene. All configurations are optionally available as Panel Mounted and/or High Ambient Temperature models.
### Stopcock Valve: ORDERING FORMAT

- 4-Way Stopcock Valves are available. Please call IPS to properly configure your selection.
- The valve flow orifice is governed by your port end connections (FNPT, Tube or Flared) unless requested otherwise. Please call IPS to configure a restrictive Valve Stem Orifice.
- Maximum torque to turn/actuate stop cock approximately 25 in-lbs. Torque varies based on valve size and other factors.

#### Body Style
- **2-WAY**
- **3-WAY**

#### Port No.
- **SC-400**
- **SC-401**
- **SC-403**
- **SC-404**
- **SC-500**
- **SC-501**
- **SC-503**
- **SC-504**
- **SC-506**
- **SC-507**
- **SC-600**
- **SC-601**
- **SC-609**
- **SC-610**
- **SC-612**
- **SC-613**
- **SC-700**
- **SC-701**
- **SC-709**
- **SC-710**
- **SC-712**
- **SC-713**
- **SC-800**
- **SC-801**
- **SC-809**
- **SC-810**
- **SC-812**
- **SC-813**

#### Basic Dimensions

<table>
<thead>
<tr>
<th>Series</th>
<th>Dim A</th>
<th>Dim B</th>
<th>Dim C</th>
<th>Dim D</th>
<th>PM Hole Size</th>
<th>Max Panel Thickness</th>
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</thead>
<tbody>
<tr>
<td>SC-400</td>
<td>1.63</td>
<td>1.76</td>
<td>1.00</td>
<td>1.38</td>
<td>0.70</td>
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<tr>
<td>SC-500</td>
<td>2.00</td>
<td>2.25</td>
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<td>1.69</td>
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<tr>
<td>SC-600</td>
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<td>2.06</td>
<td>1.03</td>
<td>0.43</td>
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<tr>
<td>SC-700</td>
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<td>1.88</td>
<td>2.63</td>
<td>1.40</td>
<td>0.43</td>
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<tr>
<td>SC-800</td>
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<td>2.25</td>
<td>3.00</td>
<td>1.78</td>
<td>0.43</td>
</tr>
</tbody>
</table>

*For Flared Connections add ~3/8” per port.*

#### Options:
- Add “-P” to the end of the Part Number to specify a Panel Mount configuration.
- Add “-HT” to the end of the Part Number for high ambient temperature conditions. This is only required for room temperatures above 140ºF. The external non wetted components are changed to PVDF.

#### IIPS Product Notes:
1. Please email Customer Service at info@ipolymer.com
2. Call us for special applications. We can manufacture our Valves with special mounting and interface dimensions.
3. Upon request, alternate material selection from those listed will allow for expanding temperature ratings or other performance characteristics.
4. Unauthorized disassembly of this product will void the original factory one-year product warranty. For further details please contact your local Distributor or our factory directly.

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PTFE Stopcocks: ORDERING FORMAT

**Stopcock Part No.**

**Stem Configuration**

(L - Type)

(T - Type)

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**High Ambient Temp. Option**

For Temperatures over 140ºF

**Panel Mount Option**

“A” DIM Increases by About 1”

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2. Call us for special applications. We can manufacture our Valves with special mounting and interface dimensions.
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