

# FAQs

## Mechanical Test Plugs



### **Q Does Cherne offer chemical resistant mechanical test plugs?**

**A** Yes. Cherne offers two chemical resistant mechanical plugs: The Cherne Well Monitor Plug and the Cherne Petro Econ-O-Grip.

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### **Q What is the maximum temperature that the original gripper plugs be exposed to?**

**A** Gripper plugs have natural rubber O-Rings. These O-Rings allow for operating temperatures between 0° F to 125° F. Consult engineering for usage outside this temperature range.

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### **Q What gripper should be used when permanently blocking a hole?**

**A** Mechanical plugs can be used to permanently block an opening (Grippers are mechanical plugs). Be sure to use the correct size Gripper for the opening.

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### **Q Does Cherne offer a flow-through plugs?**

**A** Yes. Cherne offers the T-Handle Gripper as a flow through plug.

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### **Q What is the definition of deflection?**

**A** Deflection is defined as the “out of roundness” of plastic pipe after being covered with backfill (stone, sand, dirt, etc.).

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### **Q What is “Base Inside Diameter”?**

**A** “Base Inside Diameter” is average inside diameter less manufacturing tolerances for out of roundness and wall thickness. The ASTM uses base ID to calculate deflection allowances.

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### **Q What pipe sizes are covered by D3034?**

**A** 4" to 15"

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**Q** What pipe sizes are covered by F679?

**A** 18" to 48"

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**Q** What is the difference between 7.5% deflection and 5% deflection?

**A** 7.5% deflection is maximum amount of deflection allowed by ASTM. The trade has adopted 5% deflection as the standard maximum deflection allowed off "Base Inside Diameter", which is a more stringent test.

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**Q** What is the difference between SDR 35 and SDR 26 pipe?

**A** Both pipes have the same outside diameter. SDR 35 has a thinner wall than SDR 26.

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**Q** Does Cherne offer a Mechanical Plug that can be used to block and fill with water a DWV when conducting a rough-in test?

**A** Yes. The Iron Grip Plugs can be used for this application and come in sizes 2", 3", 4", 6", 8", 10" and 12".

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**Q** Does Cherne offer a plug that can be used to plug a bathtub waste and overflow when conducting a rough-in test?

**A** Yes. The #012678 Tub Plug Set.