

# 97843-1 minimum burst pressure test

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### **Appendix A – Test Data**

#### **Introduction:**

During the samples developing process, we would validate the minimum burst pressure to ensure its safety property.

#### **Apparatus:**

97843-1 sample    3 EA  
Test fixture        1 Sets  
Test equipment    **ARD**

#### **Procedure:**

1. Take out 3 EA 97843-1
2. Visual check the 97843's appearance, ensure the part is ok;
3. Fix 97617 to the test device, connects the related accessories;
4. Start the equipment and wait for the air pressure gauge to reach 200PSI
5. Close the air release valve;
6. Keep this status for 15 minutes;
7. Close the machine
8. Disassemble 97843 from the test device; Check to see if there is a leak in the appearance
9. Change another sample until 3 samples are tested;
10. Sort the fixture and accessories;

#### **Discussion of Results:**

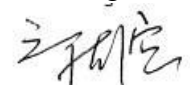
For 97843-1 test finding:  
At 200PSI pressure, no damage is occurred.

#### **Conclusion:**

97843-1 3/4 inch water inlet pipe is met engineering requirements.

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Product Engineer



2020-01-22

Signature, date

## Appendix A: Test Data and Setup Photos

Figure 1 – Test method and fixture



Figure 2 – Test data

