

**NC Department of Insurance
Office of the State Fire Marshal - Engineering Division
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Using the Inside of a PVC Pipe for a Fitting

Code: 2012 Plumbing Code

Date: September 1, 2011

Section: 702.4

Question:

Can the inside of a PVC pipe be used as fitting to glue a cleanout or a closet flange?

Answer:

No, Section 702.4 states "pipe fittings shall be approved for installation with the piping material installed and shall comply with the applicable standards listed in Table 702.4. Table 702.4, PVC fittings reference ASTM D 2665, ASTM F 1866, ASTM D 3034, ASTM D 2949. Other than not meeting these standards, inside pipe diameters can vary significantly as the wall thickness and outside diameter varies and therefore is not suitable for use as a fitting socket.