



Specified Fittings, LLC

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November 11, 2010

Re: PVC Line-end closures

To whom it may concern,

This letter is intended to describe several options for end-closure of PVC piping. The use of a solvent-weld cap is permissible in pressure applications. However, caps are rated for the maximum operating pressure of the pipe only if thrust-blocked or otherwise restrained such that the forces acting on the interior “face” of the end cap are neutralized. This can be achieved in above-ground applications using pipe-to-blind flange mechanical restraints. Another option is the use of a solvent-welded PVC flange adapter affixed to the pipe’s end and a blind flange bolted to that. We are able to offer PVC blind flanges through 24” diameters rated at up to 75 psi. Steel blind flanges are available for much higher pressure ratings and are compatible with our standard ANSI flange patterns. The use of a flange/blind-flange combination would eliminate the need to block or restrain the face of the cap.

If you have any questions or need more information, please contact me.

Sincerely,
Brad Sukolsky
Specified Fittings