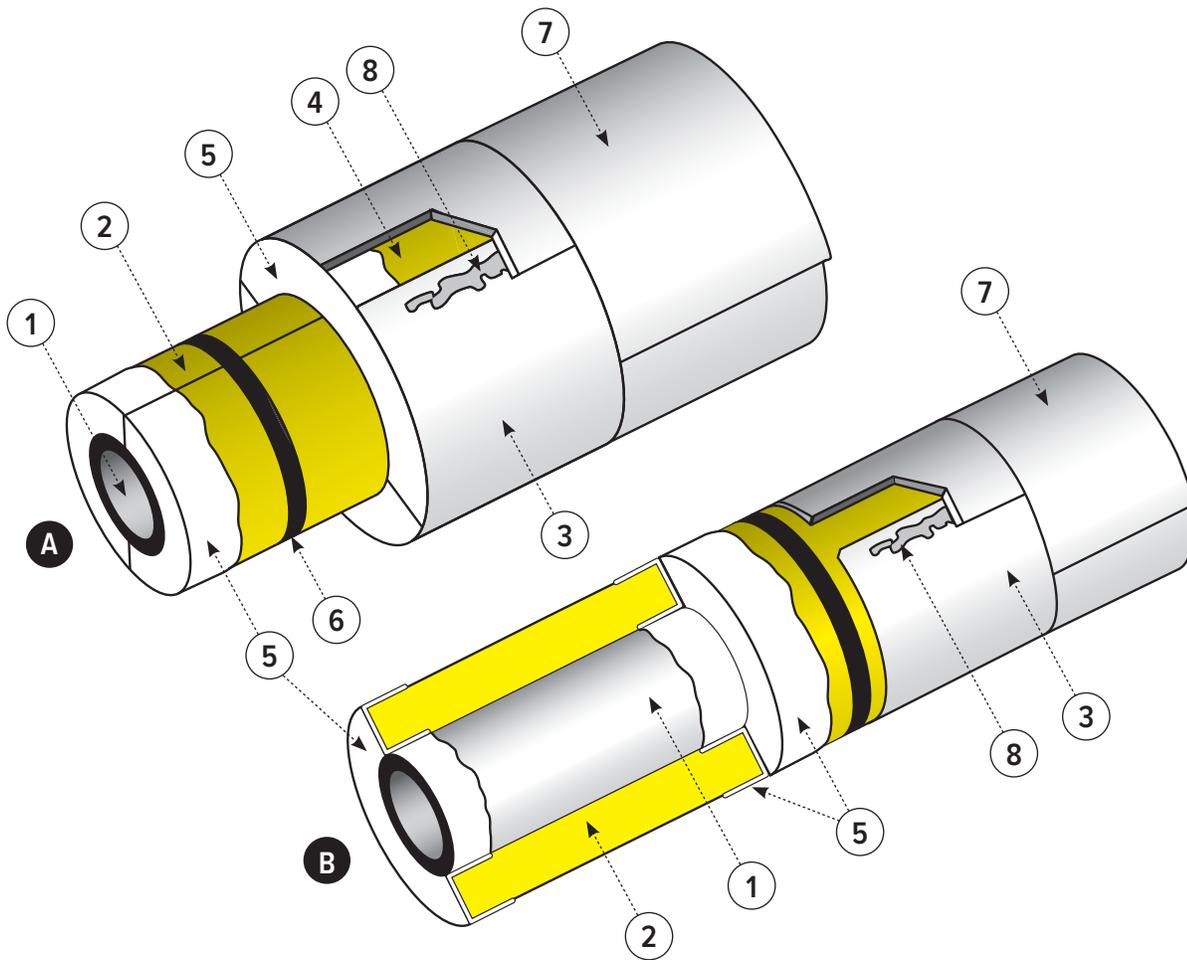


Vapor Stop (Dam) – Pipe



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Vapor stop (dam) is a material or system that impedes the transmission of water in liquid or vapor forms. Vapor stops are necessary on low temperature systems, especially if operating in humid environments.

Detail A — Multiple Layer.

Detail B — Single Layer.

Materials: Pipe insulation, banding, tape, vapor retarder mastic, adhesive, and vapor retarder jacket. Use non-corrosive attachment materials, anti-abrasion, joint sealant and jacketing.

1. Pipe.
2. Insulation (single layer).
3. Vapor retarder jacketing.
4. Outer layer of insulation (staggered joint).
5. Vapor mastic.
 - Must seal across the end of the insulation and outside the insulation equal to the insulation thickness.
 - Must seal between the pipe and the insulation (annular space) a distance equal to the insulation thickness.
6. Banding or tape on inner layer if required.
7. Protective jacket (optional).
8. Appropriate vapor retarder or adhesive.