

Elbow Fitting with Integrated Mounting Flanges

ABSTRACT

5 This utility model presents an improved pipe elbow fitting designed for faucet attachment, enhancing pipeline stability and installation. Unlike conventional elbow fittings that rely on separate, external mounting solutions, this invention features mounting flanges integrated directly onto the elbow's body. The said flanges are equipped with pre-drilled holes, enabling quick and secure attachment
10 of the fitting to a wall or other structural surface using fasteners such as screws. The integrated design offers significant advantages and it simplifies installation by eliminating the need for additional mounting brackets. By firmly securing the elbow, the integrated flanges effectively minimizes unwanted shaking and vibration typically caused by water pressure or fluid flow within the pipe system,
15 particularly preventing stress on faucet connections. This reduction in movement prevents undue strain on pipe joints, significantly improving the reliability and longevity of the plumbing installation. The utility model ensures a stable fluid conveyance system for faucet applications.