

Type 80 Flexible Hose Connector



Application

Kurbo rubber flexible hose connectors replace metal pipe and are used where a flexible connection is essential and also are used in lines requiring resistance to electrolysis, corrosion, abrasion and severe water hammering. They are also found in piping systems that require noise and vibration isolation and absorption of lateral deflection and flexing caused by thermal changes.

Construction

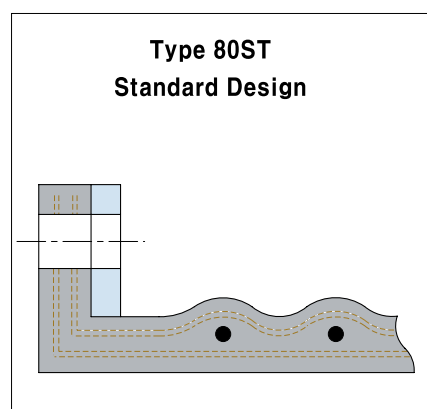
Flexible hose body integral with rubber/fabric flange and steel retaining rings. In tough design, extra thick fabric in body and locking flange in rubber flange. Smooth and seamless rubber tube, pressure–vacuum resistant high tensile fabric and evenly spaced heavy duty spiral spring wire reinforcements, tough abrasion and weather resistant rubber cover corrugated for kink resistance.

Wide Range of Pressure Rating and Size

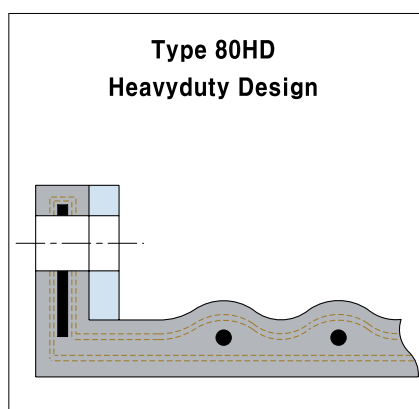
Kurbo flexible hose connectors are individually designed to have pressure ratings high enough to handle most demanding applications in a very large diameter. Kurbo supply technically superior solutions which are suitable for a wide range of working pressures and all loads.

Movement

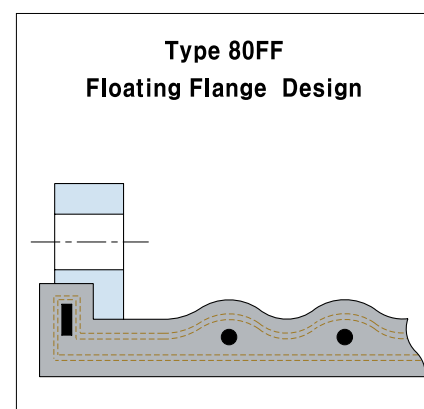
Type 80 hose connectors are suitable only for absorption of lateral and minor angular movement. They are not designed to absorb extension, compression axially. For these purposes, use other arch type expansion joints.



The rubber/fabric flange with a split or full circle steel retaining rings for medium working pressures. Typically the body is reinforced with multiple layers of polyester cord and helical wire



The connectors are fitted with integrated vulcanized rings and/or spirals to withstand higher pressure and vacuum conditions. The main feature of this double flange construction is superior axial strength due to embodied steel flange. The double flanges allow for a large radius in the flange neck, with no cutting forces on the fabric.



The floating/swivel flange is used with medium pressure service where the bolt holes in pipe flanges are not precisely aligned. The floating flange simplifies fitting between 2 fixed points.