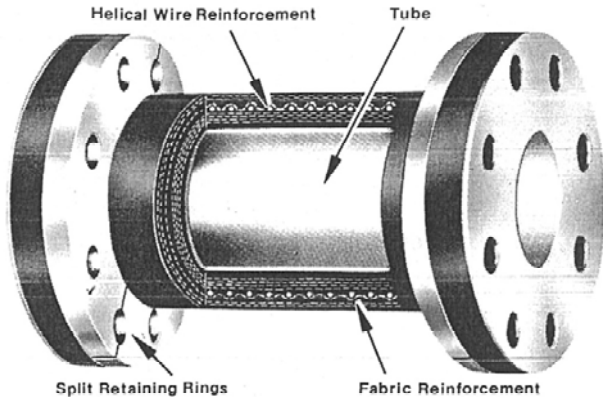


Rubber Expansion Joint

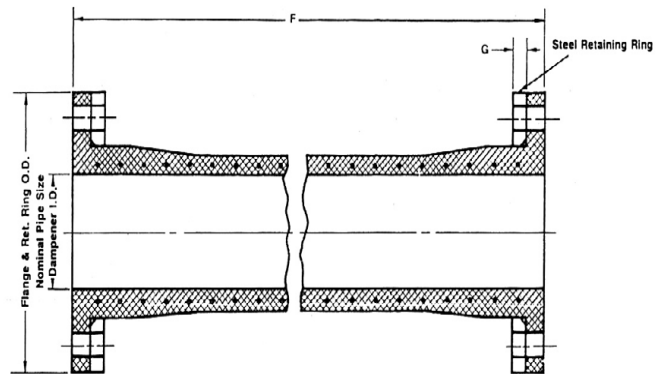
6. Flexible Rubber Pipe Connector

A flexible rubber pipe is a reinforced straight rubber pipe, fabricated of natural or synthetic elastomers and fabrics, primarily designed to absorb noise and vibration in a piping systems.

Flanged Type(PER-FF). The most common type of rubber pipe incorporates a full face flange integral with the body of the pipe. The flange is drilled to conform to the bolt pattern of the companion metal flanges of the pipeline. This type of a rubber-faced flange, backed with a retaining ring, is of sufficient thickness to form a tight seal against the companion flange without the use of a gasket.



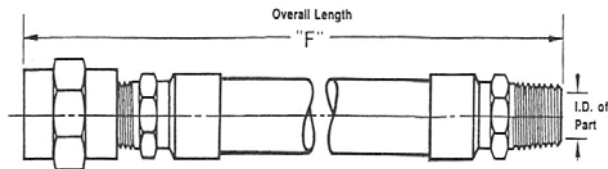
Cross Section View Of Flanged Type Flexible Rubber Pipe



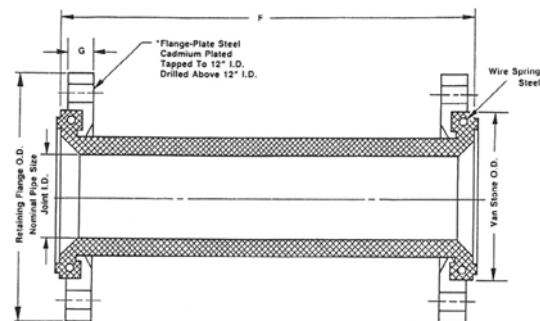
Flanged Type Rubber Pipe

Coupled Type(PER-FC). In smaller diameters, rubber pipe is available with factory attached couplings. Normally furnished with male/male couplings, this type is also available with male/female fittings.

Floating Flange Type(PER-FL). Similar to the flanged type. Instead of having a full-face rubber flange, this design has a solid floating metallic flange or a split interlocking flange. The Van Stone flange principle is used with the beads of the rubber part specifically designed to fit the mating pipe flange.



Coupled Type Rubber Pipe Connector



Floating Flange Type Rubber Pipe

DIMENSIONS:

The recommended "F" dimension indicates the connector length recommended to give the optimum noise and vibration control for most applications utilizing this construction. Individual manufacturers may offer shorter or longer connectors depending on the application.

Nominal Pipe Size Connector Inside Diameter (Inches)	Recommended Face-to-Face "F" Dimension (Inches)
1/2 ~ 2-1/2	12
3 ~ 4	18
6 ~ 24	24