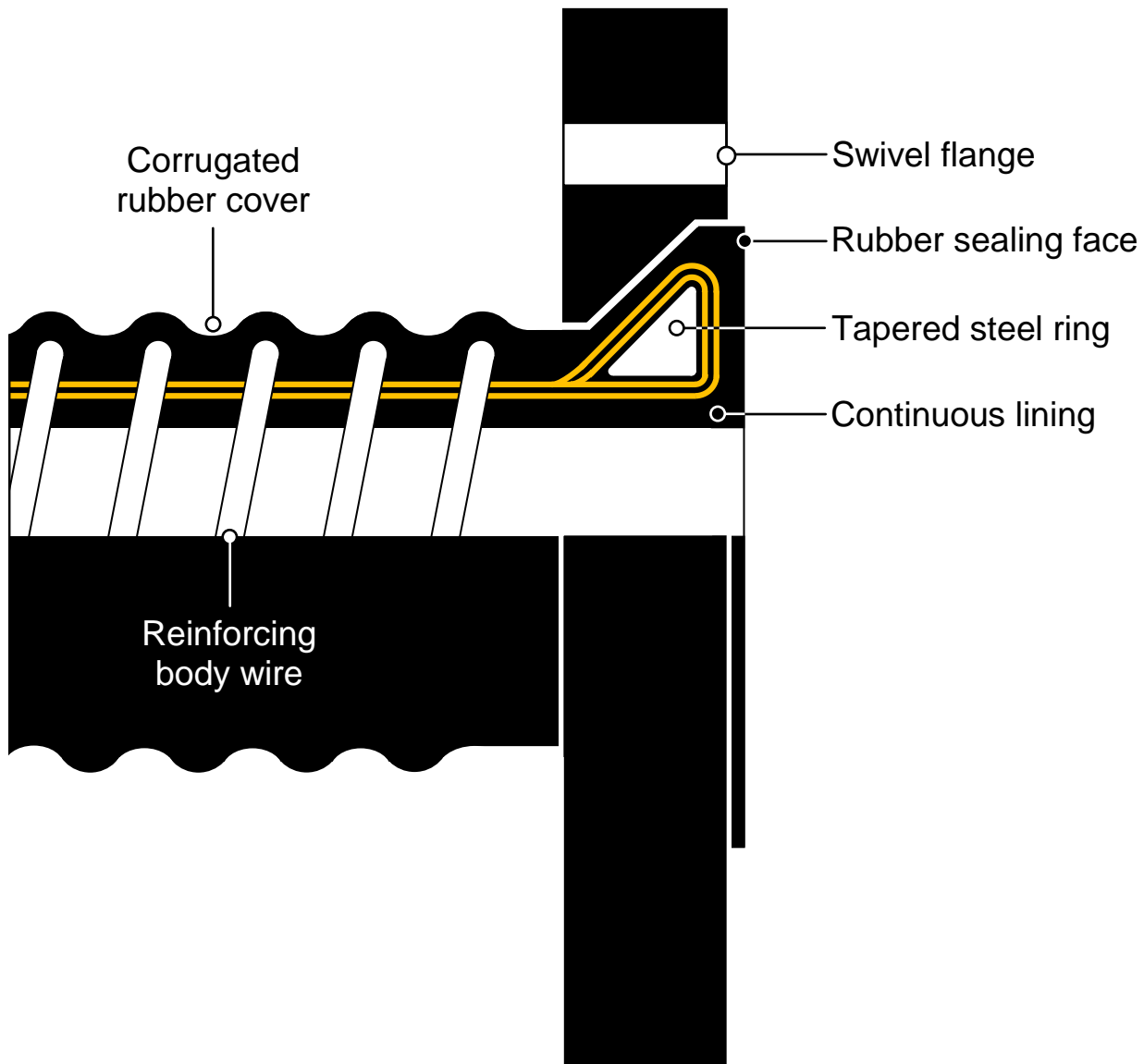


Coupling system for abrasive and corrosive applications

Beaded end swivel flange



Beaded end swivel flange coupling system

A tapered steel ring is fully encapsulated in rubber and cord to create a bead. A one-piece swivel flange sits on the body of the hose against and on top of this bead. Elimination of a conventional hose tail enables shorter hoses to perform a higher angular deflection; this is useful for applications requiring a tight bend radius and a more uniform curvature. There is no risk of hose failure due to coupling corrosion. This system is capable of increased end-loading.