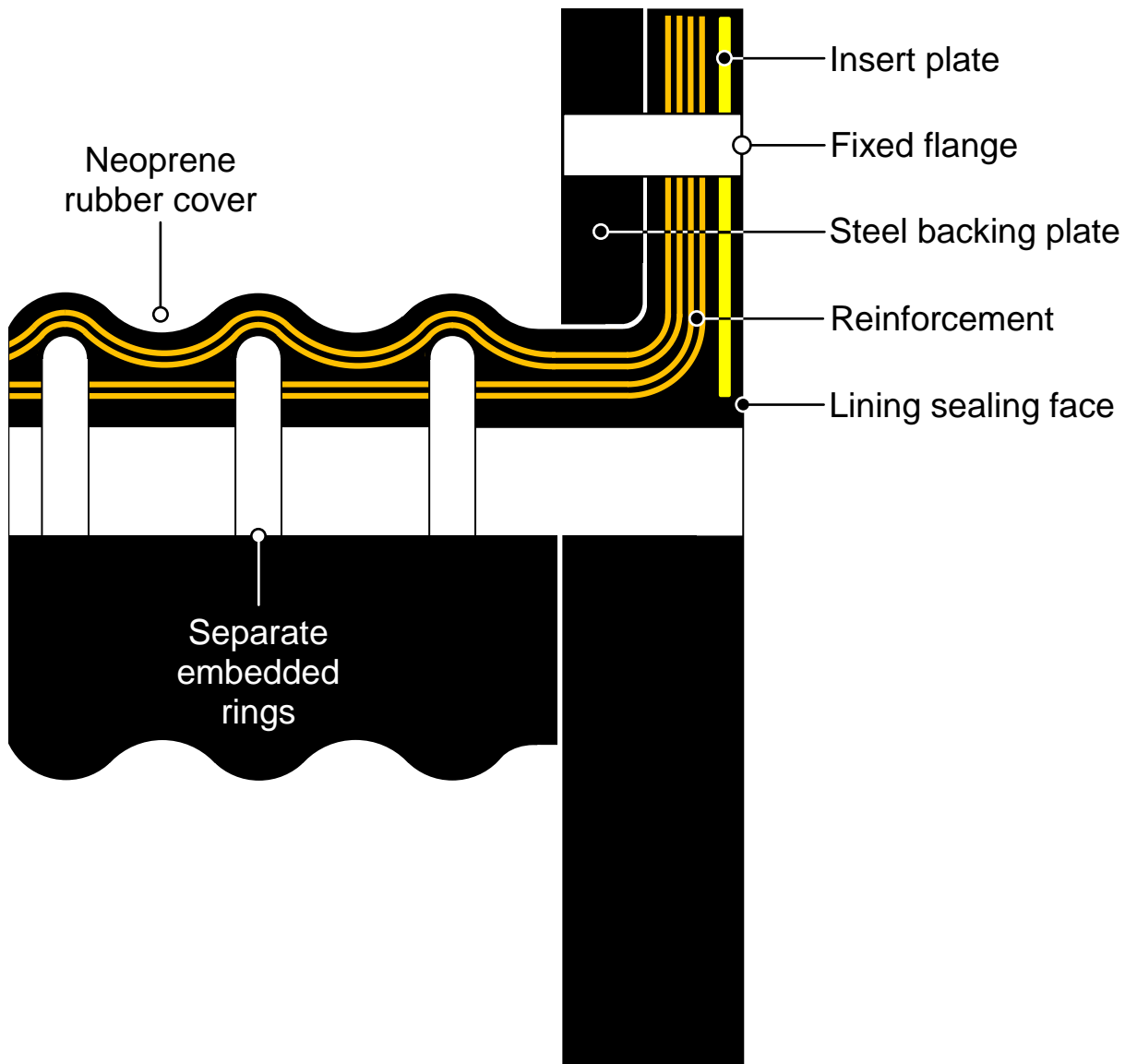


Coupling system for abrasive and corrosive applications

Double-action integral fixed flange (for A20 dredge hose)



Double-action integral fixed flange (for A20 dredge hose)

A further development of the integral fixed flange coupling system. This system incorporates an additional steel insert plate within the flange structure. This resolves many of the problems associated with pressure pulsation and/or end stretching. This system reduces flange bending and loss of sealing at higher pressures, especially on flange drillings with a wide pitch circle diameter. This system is also capable of increased end-loading.