CLAIMS

1. A closure system for a container, the closure system comprising, assembled or as a kit of parts:

a cover securable across an opening in a container body so that the container body and cover together enclose an interior space for the reception of contents of the container;

a liner positionable adjacent to at least the cover for separating the container contents from the cover when the cover is installed across the opening;

a flange receivable in an aperture through the cover to define a passage through the cover for filling and/or discharging the container contents, the filling and discharge passage being closeable by a removable closure member, wherein the liner is sealingly securable to the flange circumferentially of the passage; and

an adaptor having an exterior screw thread engageable with an interior screw thread provided in the flange to secure the flange in the aperture.

2. The closure system as claimed in claim 1, in which the flange is configured for reception in a flange pocket formed in the cover, the flange comprising an outward end distal to the container interior when thus received, the flange outward end being configured for engagement beneath a complementary in-turned rim of the flange pocket.

3. The closure system as claimed in claim 2, in which the adaptor comprises a securing rim comprising a radially extending shoulder configured to clamp the in-turned rim of the flange pocket against the flange's outward end, when the adaptor is screwed into the flange.

4. The closure system as claimed in claim 3, in which the securing rim and/or an interior passage of the adaptor is provided with drive features configured for engagement with a complementary drive tool.

5. The closure system as claimed in claim 3 or 4, in which the securing rim radially overhangs an adjacent part of the flange pocket.

6. The closure system as claimed in claim 3, 4 or 5, comprising a gasket configured for simultaneous sealing engagement with the securing rim and the in-turned rim of the flange pocket.

7. The closure system as claimed in claim 6, in which the gasket is configured for simultaneous sealing engagement with the flange.

8. The closure system as claimed in any preceding claim, in which the flange and the adaptor are provided with co-operating anti-backout features

9. The closure system as claimed in claim 8, in which the adaptor is provided with a thread configured for removably securing the closure member to the closure assembly.

10. The closure system as claimed in claim 9, in which the anti-backout features are configured to provide sufficient resistance to unscrewing of the adaptor from the flange to prevent such unscrewing as a result of removal of the closure member.

11. The closure system as claimed in claim 10, in which the anti-backout features are configured to allow unscrewing of the adaptor from the flange without causing damage sufficient to prevent re-use of the adaptor.

12. The closure system as claimed in any preceding claim, in which the flange comprises a non-circular transverse cross-sectional profile configured for engagement within a complementary part of the flange pocket, to secure the flange against rotation.

13. The closure system as claimed in any preceding claim, in which the liner comprises a bag.

14. A removably lined container lid comprising the closure system of any preceding claim.

15. A removably lined container comprising the closure system of any of claims 1-13.