



### 1. Quality by Design Prelock Sizing and Configuration

- Maximizes the prelock positioning and minimizes premature separation during shipping and storage while maximizing filling machine separation performance

### 2. Computer Engineered Dome Radius

- Directs the force of closing along the side wall of the shell to minimize denting or dimpling during capsule filling

### 3. Quality by Design Air Venting

- Maximizes the efficiency of air escape to provide a uniform closed capsule length, a critical feature during post filling packaging

### 4. Double Lock and Zone of Constant Diameter

- Ensures correct engagement of the cap and body ring lock (i.e. less force on closing and more force to separate)

### 5. The EMBO<sup>®</sup> Feature

- Increases the mechanical hoop strength of the cap to prevent ovalation  
- Prevents capsule movement from prelock position to lock position during shipping  
- Minimizes "pop back" or the slight unlocking of the cap upon high speed closing, a critical feature especially when filling liquids