



## Because Clean Sealing Matters



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West Flip-Off® Seals are the ideal solution for your operational and regulatory challenges to consistently achieve reproducible and safe container integrity of your pharmaceutical product.

Our enhanced Flip-Off® Seal qualities Flip-Off® Plus<sup>RU</sup> and Flip-Off® CCS will help to significantly increase your operational efficiency while meeting highest market and regulatory requirements addressing drug cleanliness and safety.



#### West Flip-Off® Seal

- High quality components
- Vision control
- Consistent and clean seal edge through TruEdge®
- Reliable capping success
- User friendly flip off forces

#### West Flip-Off® Plus<sup>RU</sup>

- Based on Flip-Off Seal
- Bioburden controlled & specified before sterilization
- Sterile Ready-to-Use seals
- Developed for clean crimping under grade A air supply

#### West Flip-Off® CCS

- Based on Flip-Off Seal
- Clean, Certified, Sterilized (CCS)
- Sterile Ready-to-Use seal
- Clean room assembly
- Specified low bioburden level before sterilization
- Specified low particle level
- Reduced aluminum abrasion
- Developed for aseptic crimping inside grade A environment

| Product / Process Features  | Flip-Off® Seal | Flip-Off® Plus <sup>RU</sup> | Flip-Off® CCS              |
|---|----------------|------------------------------|----------------------------|
| Flip-Off button wash prior to assembly  | —              | —                            | ✓                          |
| Aluminum shell coating for low particle abrasion                              | —              | —                            | ✓                          |
| Specified Particle Level  | —              | —                            | PCI ≤10                    |
| Specified Bioburden Level before sterilization                                | —              | ≤ 20 CFU/100cm <sup>2</sup>  | ≤ 5 CFU/100cm <sup>2</sup> |
| Assembled in controlled environment   | —              | controlled, not classified   | ISO 8                      |
| Flip-Off button bioburden control before assembly                             | —              | ✓                            | ✓                          |
| Gamma stable Flip-Off button  | —              | ✓                            | ✓                          |
| Sterile product for immediate use   | —              | ✓                            | ✓                          |
| Validated RU packaging concept (transit simulation and shelf life)            | —              | ✓                            | ✓                          |
| West high quality aluminum and plastic materials (e.g. providing fewer dents) | ✓              | ✓                            | ✓                          |
| TruEdge® providing consistent capping success                                 | ✓              | ✓                            | ✓                          |
| 100 % vision control providing superior quality                               | ✓              | ✓                            | ✓                          |