Oliver Coating Lowers Particulate for Syringe Tubs

Oliver Healthcare Packaging recently completed a study to assess the airborne particulate generated during the peeling of coated Tyvek lids. Two different coatings were used in this study: one was Oliver Xhale® coating, and the second was a competitive water-based coating.

### Additional Benefits of Xhale® Coating

- Superior Abrasion Resistance (Low Particulate Generation)
- Uniform Seal Strength Over a Wide Sealing Window
- No Discoloration When Exposed to UV Light
- Dot Pattern Allows for Better Porosity
- Waterless System = Low Endotoxins

The study conducted does not consider Oliver’s Oclean lids. The study used standard lidding manufactured under normal conditions. This study was performed in an ISO Class 7 clean room at a 3rd party certified laboratory, and utilized materials manufactured under normal conditions.

### 0.3 Micron Particulate Results

- **Xhale Coating 18B**: 210.6
- **Competitor Water-Based Coating**: 397.2

47% Less Particulate

### 0.5 Micron Particulate Results

- **Xhale Coating 18B**: 29.0
- **Competitor Water-Based Coating**: 59.8

52% Less Particulate

### 5.0 Micron Particulate Results

- **Xhale Coating 18B**: 2.2
- **Competitor Water-Based Coating**: 51.8

96% Less Particulate