



# OVERVIEW OF 4040 LYOTEC® STOPPERS

*Designed with the Future in Mind*

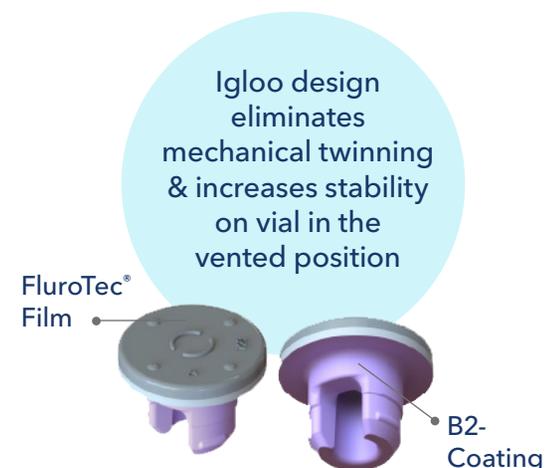


- **Ultra-low extractables & leachables** protect product quality while providing broad drug compatibility<sup>1,2</sup>
- Ready-to-use stoppers released to a **tighter standard moisture specification**
- Demonstrated to be **suitable for multi-dose** pharmaceutical applications
- **Well-characterized & documented extractables profile** informs risk assessment<sup>2</sup>
- Designed for **processing more consistently on fill-finish lines** & minimizing risk of sticking to lyo shelves
- **Platform portfolio strategy with global supply network** and strong West commitment
- **Low level of particulates** achieved through both raw material selection & West processing
- **Compatibility with steam sterilization or gamma irradiation** provides processing flexibility
- **Closed System Transfer Device (CSTD) compatibility** testing performed

## 4040 LYOTEC® PORTFOLIO COMPRISED OF A STATE-OF-THE-ART ELASTOMER

Advancing Quality & Manufacturability

Size	STERILIZABLEBAG™ Packaging	Ported Bag Packaging	Finish	Quality Process
13mm (V-50-I)	Small - 1,000 Standard - 5,000	SSB - 8,000 GLC - 10,000	Ready-to-Sterilize	Westar™ Select Quality Envision™ Verification
			Ready-to-Use	Westar™ Select Quality Envision™ Verification
20mm (S-87-I)	Small - 450 Standard - 2,000	SSB - 2,000 GLC - 2,500	Ready-to-Sterilize	Westar™ Select Quality Envision™ Verification
			Ready-to-Use	Westar™ Select Quality Envision™ Verification



# 4040 LYOTEC® COMPONENTS HELPING YOU THROUGH EVERY STEP OF THE LYOPHILIZATION PROCESS



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#### References:

1. West Stability Report 741-SSR
2. West 541-EXR; Material Characterization available with CDA