



Lyoguard®

FREEZE-DRYING TRAYS



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FREEZE-DRYING TRAYS

Preserve, Protect and Contain

Over fifty years of innovation with integrity

For more than fifty years, Gore has partnered with customers across a wide variety of industries and categories to create leading-edge, differentiated solutions. Gore is a world-renowned manufacturer of thousands of advanced technology products and is perhaps best known as the inventors of ePTFE and the makers of GORE-TEX® fabric. With more than \$2.5 billion in annual sales and over 9,000 employees in more than 50 countries throughout the world, W. L. Gore & Associates, Inc., provides diverse, high-performance solutions in pharmaceutical, consumer, industrial, electronic, medical and surgical markets.

Ordering Information

GORE® LYOGUARD® Freeze-Drying Tray
Part Number LGT-32522

Gore PharmBIO Products

Gore PharmBIO Products is focused on fueling the ongoing development of high-performance; technology-driven products and applications to better serve customers in the global pharmaceutical and bioprocess markets. The Gore PharmBIO Products portfolio includes single-use and long-life offerings including bioprocess assemblies, tubing, hoses, sampling devices, gaskets as well as configuration software for custom assembly design

Contact Us

Visit www.gore.com/lyoguard for more information on GORE® LYOGUARD® Freeze-Drying Products. For additional questions, contact a Gore representative.

To the best of our knowledge, the information contained herein is accurate. Final determination of the suitability of any information or material for the use contemplated and the manner of use is the sole responsibility of the user. The above information gives typical properties only.

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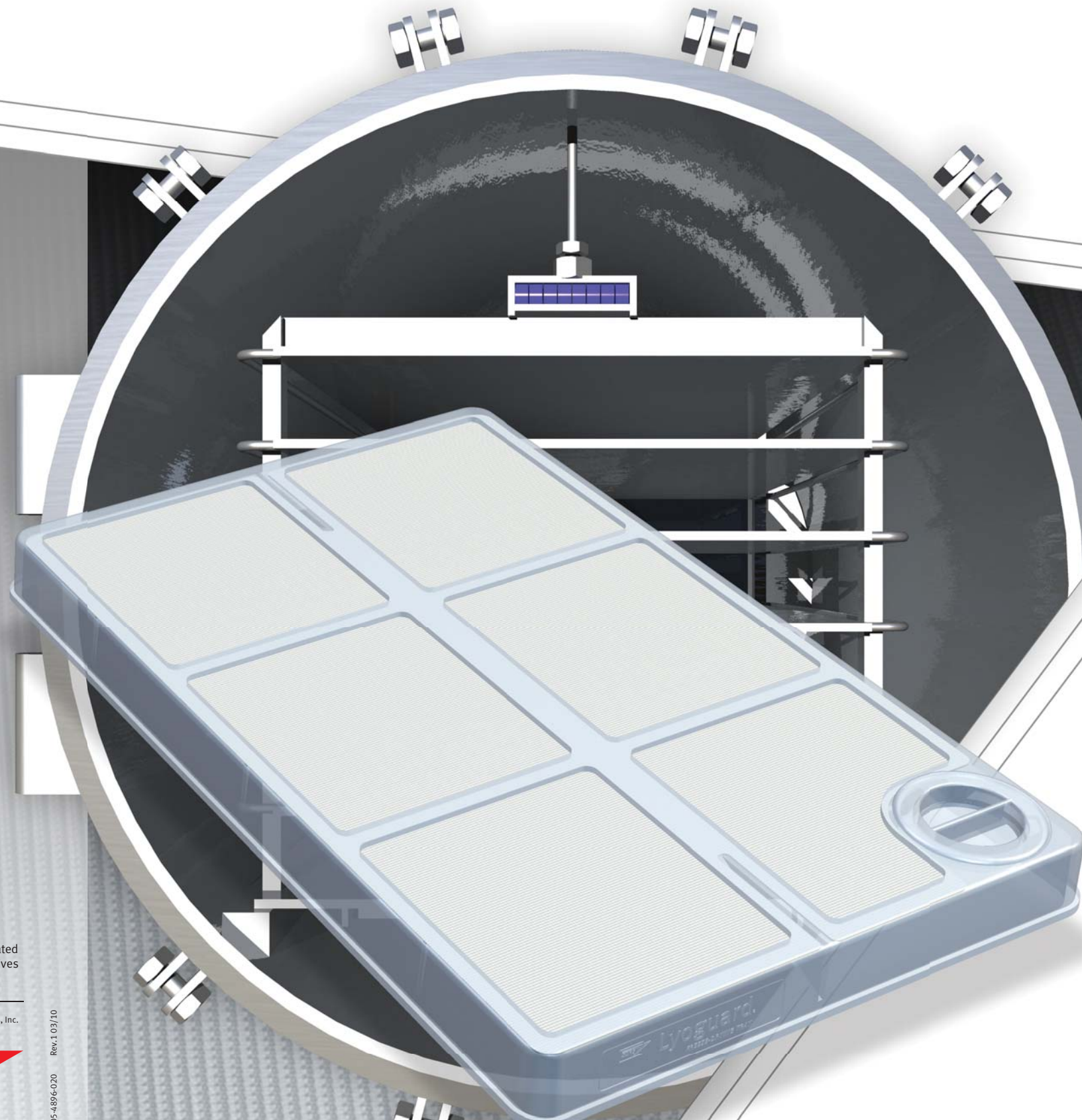
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New 3 Liter Tray Engineered for production and productivity

A decade ago, Gore introduced the single-use GORE® LYOGUARD® Freeze-Drying Tray to the global pharmaceutical and biotechnology industry. Utilizing an expanded polytetrafluoroethylene (ePTFE) membrane engineered for freeze-drying applications, the tray reduced cleaning and cleaning validation while protecting against product “fly out”.

The new 3 liter GORE® LYOGUARD® Freeze-Drying Tray expands the current product portfolio and provides increased capacity for production-scale freeze-drying operations.

Proven GORE® LYOGUARD® Freeze-Drying Membrane Technology

- Highly reliable ePTFE membrane is engineered specifically for freeze-drying applications
- Microporous membrane effectively preserves, protects and contains product throughout the lyophilization process

Robust design

- Strategically designed support ribs allow for stability during sterilization, drying and handling
- Integrated cross-bars enable maximum fill volumes

Integrated and convenient fill cap

- low profile cap is engineered to maximize capacity in freeze-dryers with fixed shelves and minimal space
- large port size enables easy filling

Materials of Construction

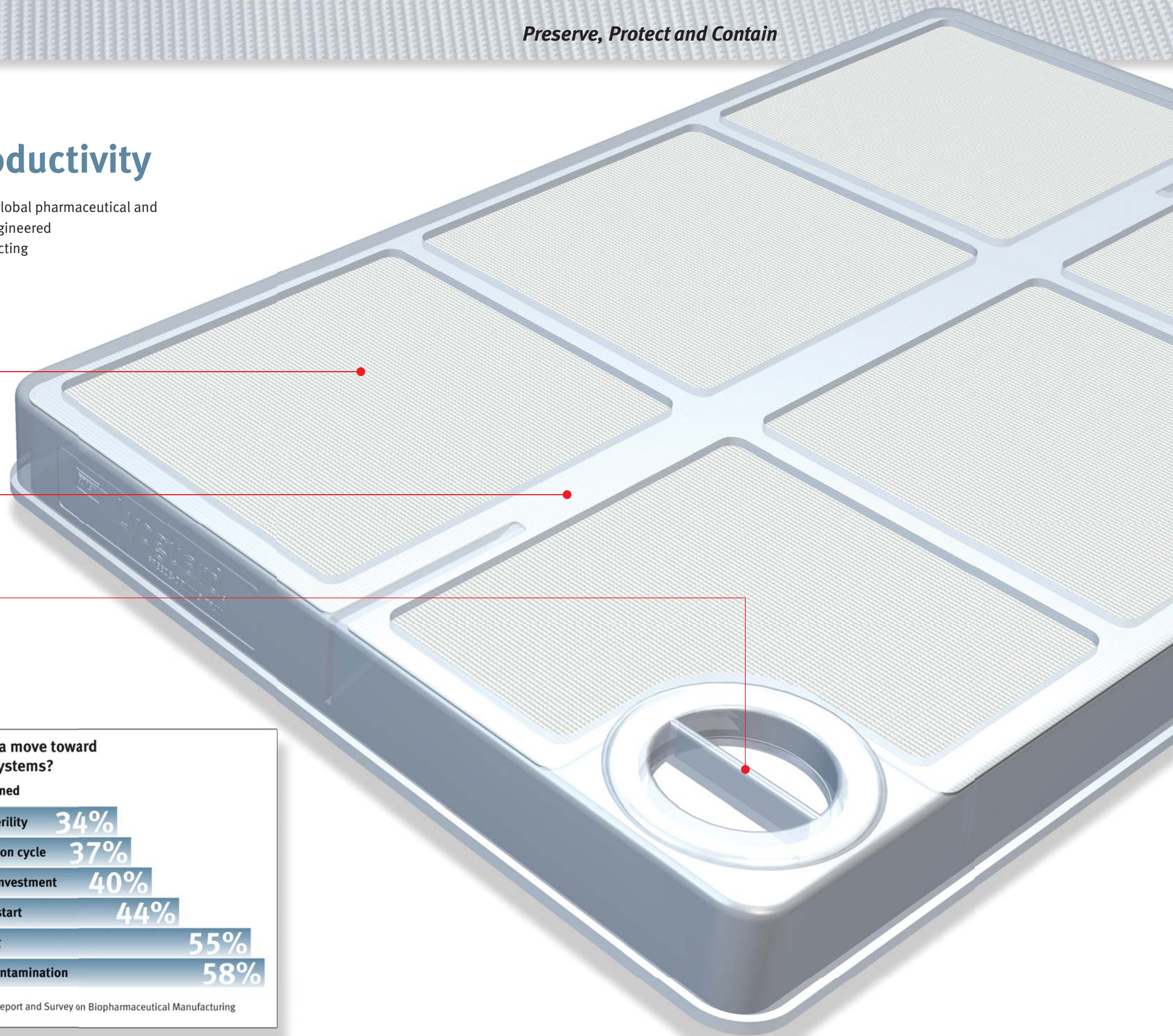
- Uses same materials of construction as traditional GORE® LYOGUARD® Freeze-Drying Trays (LGT-2000) for proven performance you can trust
- Flexible, transparent thin-film bottom provides optimal heat transfer, minimizing cycle time

Optimized for bulk freeze-drying

- Provides 2/3 more capacity than the traditional GORE® LYOGUARD® Freeze-Drying Trays (LGT-2000) at recommended fill volumes
- 450 x 295 footprint is designed for maximum shelf space utilization

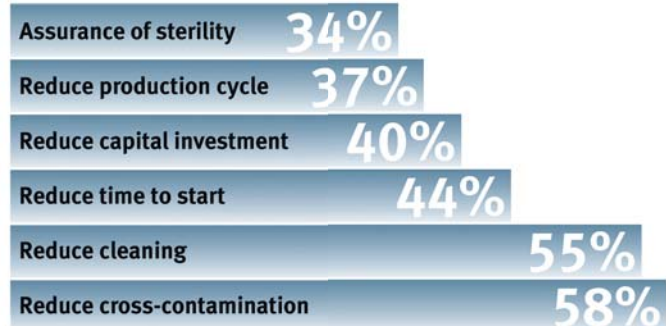
Single-use disposable

- Prevents product cross-contamination and reduces cleaning
- Eliminates handling, cleaning and cleaning validation of stainless steel trays



Why is there a move toward Single-Use Systems?

Reasons mentioned



Source: 3rd Annual Report and Survey on Biopharmaceutical Manufacturing