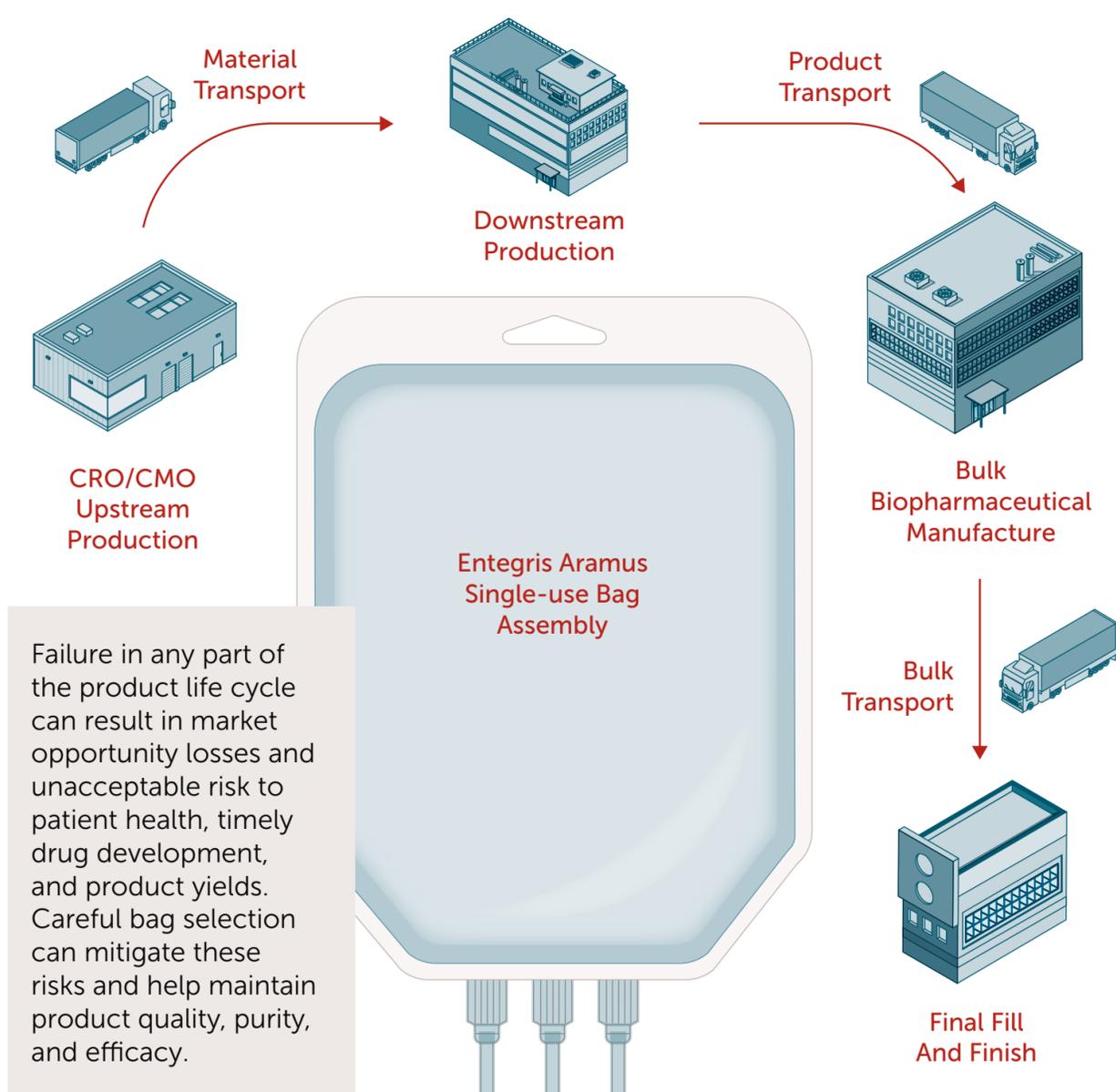


Switching to Single-Use, Single-Layer Fluoropolymers for Bioprocessing

In biopharmaceutical production, each instance where materials or products in development must be stored, handled, or transported presents a risk for breakage, contamination, and expensive product loss. Entegris Aramus™ single-layer fluoropolymer bag assemblies eliminate these risks. Here's how:

COLD STORAGE AND HANDLING REQUIREMENTS

In a modern, decentralized biopharmaceutical production line, materials and products must be kept frozen to ensure product safety, consistency, and shelf life, and then they are stored, handled, and shipped at cold temperatures many times in many facilities.



STORAGE

200°C

-196°C

Many vital cell-based drugs must be stored at or below -85°C. Aramus bag assemblies stay resilient whereas other materials become brittle.

HANDLING

Bottle materials are susceptible to costly breakage if dropped. Aramus bag assemblies are thoroughly drop-tested to ensure reliability.

CONTAMINATION

Bottle materials can also begin leaching chemicals into the valuable products they contain. Aramus assemblies are made from chemically-resistant fluoropolymer film that does not contaminate the product.

DESIGNED FOR YOUR PROCESSES AND TOOLS

The Entegris Aramus single-use bag assembly is made from a single layer of high-grade, gamma-stable fluoropolymer film that ensures product remains inert, and they are custom designed to fit seamlessly into your process, and can even improve your bottom line.



UNCAPPING BOTTLES

Bottles must be uncapped and recapped in costly cleanroom environments to prevent contamination.



CONNECTING ARAMUS BAGS

Aramus bag assemblies have built-in connectors made of high-purity materials, eliminating the need to uncup or recap when connecting to process tools.



CUSTOM DESIGNED

Each Aramus bag assembly is custom-designed to meet your specific bulk drug substance filling needs and tight delivery timelines.

Learn More

www.entegris.com/lowtempbags