

FeatureFilm™ The Breakthrough Sealant in Lab Sustainability



The Replacement of Plastic, The Gold Standard of Sustainability

FeatureFilm™ is the breakthrough in protective sealants for the Sciences. The sealant is applied to all PulpFixin products by penetrating into the paper pulp raw material, creating a smooth surface. This eliminates the long-standing concern of paper-fibers contaminating work-areas with dust or particulates. In addition, the technology doubles as a moisture-resistant barrier to protect against contact with liquids, humidity, and condensation that often occurs during freezing and thawing. Products or packaging fully protected by FeatureFilm™ are able to withstand sterilization processing, and meet the gold standard of being recyclable and compostable – and are entirely free of fossil fuels...a trait that has not yet been demanded by our industry to be the spec for coatings.

Particulate and Contaminate Free

Compatible with Cold Storage

FeatureFilm™ has been tested for use with storage in the most demanding requirements of -196°C for use with liquid nitrogen.

Recyclable & Compostable

Built for sustainability, FeatureFilm™ supports your lab's green initiatives without sacrificing reliability.

PFSA-Free

Free from harmful substances, ensuring safety for both your team and the planet.

Unmatched Durability

Engineered to perform in the most demanding lab environments.

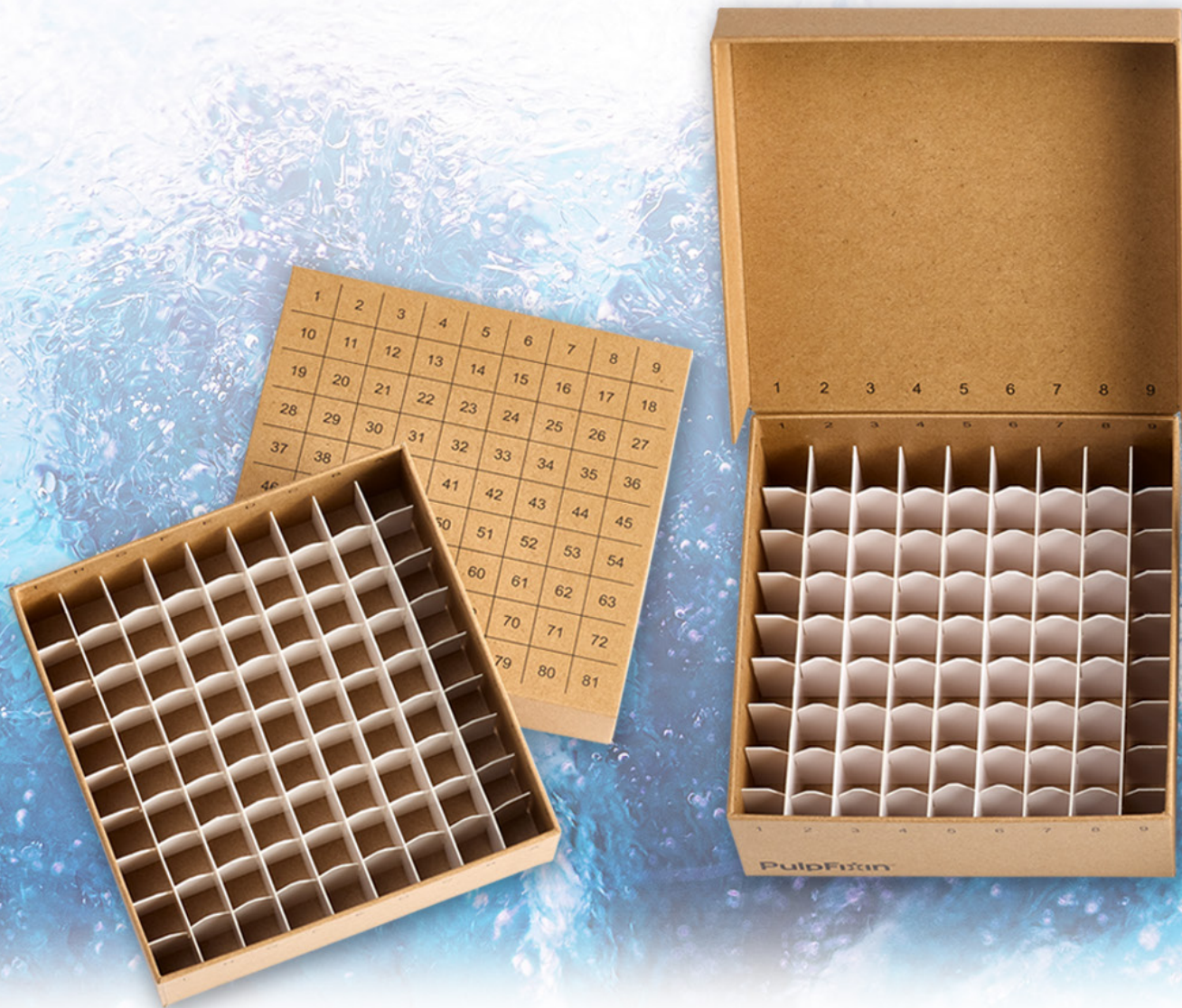
Made and Developed in the USA

Localized manufacturing for increased sustainability and decreased footprint.





CRYOGENIC BOXES
WITH FEATUREFILM™



CLEAN. GREEN. DURABLE.

The Future of Cryogenic Storage is Here, and Now.

Durable for Extreme Conditions, Sustainable for our Planet.

Meet the now generation of cryogenic storage. PulpFixin's Cryogenic Boxes are engineered to replace polypropylene and polycarbonate, which are plastics that are no longer necessary. Each is plastic free, recyclable, industrial compostable, and meets BPI certification requirements. Our Cryogenic Boxes excel in long term cold storage, down to -196°C , due to our proprietary moisture resistant sealant called FeatureFilm™. FeatureFilm™ Cryogenic Boxes are fully capable of repeated freeze-thaw cycling, long-term storage, and built for compatibility with clean operations and sterile environments.



Distributed by PharmaSystems Inc. 151 Telson Road, Markham Ontario Canada L3R 1E7
1.888.475.2500 | info@pharmasystems.com | www.pharmasystems.com

A New Standard in Protection— Without the Fossil Fuels.

It all starts and ends with FeatureFilm™ – our proprietary water-resistant sealant which is 100% free of fossil fuels. As part of our raw material composition, FeatureFilm™ is foundational to the manufacture of all PulpFixin products including our Cryogenic Boxes. This completely encapsulates all paper fibers to ensure the dust and particulates that were once problematic to work flows in the past are now entirely contained within the barrier of every PulpFixin product.

PulpFixin Cryogenic Boxes play an important role in accelerating our industry's sustainability objectives while also improving the operational and economic performance of those who embrace them. Together we can transition our community away from its over-reliance and unnecessary use of plastics, and it happens right here, right now.



**ZERO
WASTE**

Replace Plastic: A direct replacement to polypropylene and polycarbonate plastic Cryoboxes.



**LAB
APPROVED**

Compatible with Cold Storage: Tested and available to use for any freezer requirement, up to and including liquid nitrogen -196°C, due to its FeatureFilm™ moisture resistance capability.

Durable Construction: Strength and longevity are core to the design and ensure a long life in extreme conditions.

Printed Well ID: Quickly and easily locate your samples using the printed grid and alpha numeric position locations.



COMPOSTABLE

Compostable: FeatureFilm™ is BPI Certified and complies with ASTM D6400 specifications to ensure the ultimate end-of-life goal of being industrial compostable.

Recyclable: Simply place your used boxes in with cardboard recycling for another life!

Customizable: Just Ask! PulpFixin can make any standard or custom configuration.

Available as a Lift or Hinged Lid



Sealed with FeatureFilm™



- Moisture Resistant
- Fits Standard Freezer Racks
- Meets Industrial Compostable Standards
- Custom Sizes Available



PART #	DESCRIPTION	PACKAGING
Coming Soon	49 Place Cryogenic Box, FeatureFilm™ Sealed, 2" x 5.25"L/W for 4ml Glass Vials, Lift Top Lid, Printed	10/Pack, 100/Case
Coming Soon	49 Place Cryogenic Box, FeatureFilm™ Sealed, 3" x 5.25"L/W for 5ml Centrifuge Tubes, Lift Top Lid, Printed	10/Pack, 100/Case
Coming Soon	81 Place Cryogenic Box, FeatureFilm™ Sealed, 2"H x 5.25"L/W for 1-2mL Cryo Tubes, Lift Top Lid, Printed	10/Pack, 100/Case
8102PFR-C	81 Place Cryogenic Box, FeatureFilm™ Sealed, 2"H x 5.25"L/W for 1-2mL Cryo Tubes, Hinged Lid, Printed	10/Pack, 100/Case
8103C	81 Place Cryogenic Box, FeatureFilm™ Sealed, 3"H x 5.25"L/W for 3-4mL Cryo Tubes, Lift Top Lid, Printed	10/Pack, 100/Case
Coming Soon	100 Place Cryogenic Box, FeatureFilm™ Sealed, 2" x 5.25"L/W for MicroCentrifuge Tubes, Lift Top Lid, Printed	10/Pack, 100/Case



REVOLUTIONIZE YOUR LAB:

Sustainable AutoRacks That Deliver Performance and Savings for 2D Barcoded Tubes.

Engineered for Durability and Easy Integration into Automated Workflows.

Elevate your lab operations with PulpFixin AutoRack 96, 48, and 24 2D Barcoded TubeRacks. Crafted to seamlessly replace polypropylene and polycarbonate racks, these racks are engineered for durability and compatibility with automated systems. PulpFixin AutoRacks meet ANSI SLAS 1-2004 standards to easily integrate with 2D barcode readers, robotic arms, liquid handlers, automated and semi-automated capper/decappers. Each AutoRack is printed with unique serialized barcodes on two sides and 2D datamatrix on the bottom. AutoRacks are manufactured for durability, able for use in long term cold storage, down to -196°C, due to our proprietary moisture resistant sealant called FeatureFilm™. By choosing AutoRacks, your lab not only reduces plastic waste but also aligns with sustainability goals—proving that environmental responsibility and operational excellence can go hand in hand.



Premium construction. Unmatched performance. Infinitely sustainable.

Available in 96, 48 and 24 Place Rack Options

- Automation Compatible, SBS Standard
- Durable Construction
- Compatible with 2D Barcode Readers
- Plastic Free
- Recyclable
- Compostable



**ZERO
WASTE**



**LAB
APPROVED**



COMPOSTABLE



Durable Construction for Long Term Storage:

Reinforced wall construction and tube supports for long lasting performance.

FeatureFilm™ Sealed: 100% fossil fuel free moisture resistant sealant provides protection down to -196°C.

2D Barcode Scanning Compatible: with most tube rack 2D barcode scanners.

Pre-Barcoded: Rack orientation printed with unique matching serialized 1D barcodes on both sides of rack and 2D datamatrix barcode on bottom.

Universal Compatibility: ANSI SLAS 1-2004 design is compatible with automated liquid handling systems, cappers and decappers. Works with most major tube brands.

Sample ID: Printed well ID - A1-H12, for easy sample location.

Flat: Ensures uniform liquid handling processing.

Secure and Easy Lid Removal: Prevents tubes from spilling if dropped.

Meets Sustainability Goals: Reduce plastic by 100%.



PART NUMBER	DESCRIPTION - Consult a Fit Chart for proper size selection	PACKAGING
9607CS	AutoRack 96 for 0.5ml-0.7ml 2D Barcoded Tubes	100/Case
9609C	AutoRack 96 for 0.7ml-1.1ml 2D Barcoded Tubes	100/Case
9610C	AutoRack 96 for 1ml-1.4ml 2D Barcoded Tubes	100/Case
4820CS	AutoRack 48 for 1ml-2ml 2D Barcoded Tubes	100/Case
2440CS	AutoRack 24 for 4ml 2D Barcoded Tubes	100/Case
PFAAR96, PFAAR48, PFAAR24	Automated Capper/Decapper Tube Rack Adapter for AutoRack 96, 48, 24	Each

*Patent Pending



Validated Tube Type	Tube H (mm) w/Cap	AutoRack 96 Item # 9605P	AutoRack 96 Coming Soon	AutoRack 96 Item # 9607P	AutoRack 96 Item # 9609P	AutoRack 96 Item # 9610P	AutoRack 48 Item # 8420P	AutoRack 24 Item # 2440P
Altemis 48 1.2ml ET	42.9							
Altemis 48 1.2ml IT	49.4							
Altemis 48 2.0ml ET	49.4							
Altemis 48 2.0ml IT	49.4							
Altemis 48 4.5ml IT	86.5							
Altemis 48 5.0ml ET	86.9							
Altemis 96 0.5ml Push Cap	21.0							
Altemis 96 0.5ml INT	27.0							
Altemis 96 0.75ml Push Cap	35.2							
Altemis 96 0.75ml EXT	34.0							
Altemis 96 0.75ml INT	34.0							
Altemis 96 1.1ml Push Cap	37.5							
Altemis 96 1.1ml INT	43.5							
Altemis 96 1.4ml Push Cap	45.0							
Altemis 96 1.4ml EXT	48.6							
Altemis 96 1.4ml INT	51.0							
AZENTA 24 7.6ml	83.6							
AZENTA 48 1.5ml EXT	36.3							
AZENTA 48 1.6ml EXT	43.9							
AZENTA 48 1.9ml EXT	43.9							
AZENTA 48 3.8ml	80.7							
AZENTA 96 0.26ML EXT	34.7							
AZENTA 96 0.3ML INT	34.7							
AZENTA 96 0.48ML INT	34.7							
AZENTA 96 0.5ML EXT	29.8							
AZENTA 96 0.65ML INT	45.1							
AZENTA 96 0.7ML INT	44.5							
AZENTA 96 0.8ML EXT	40.3							
AZENTA 96 0.9ML EXT	46.3							
AZENTA 96 0.9ML INT	52.5							
AZENTA 96 1.0ML	49.6							
AZENTA 96 1.0ML EXT	49.1							
Greiner 48 1.0ml EXT	41.9							
Greiner 48 2.0ml EXT	47.8							
LVL 96 SX300	20.3							
LVL 48 XLX2000	45.6							
LVL 48 XLX4000	84.4							
LVL 48 XLX500	18.3							
LVL 96 LI1000	51.3							
LVL 96 LI1000 - Push Cap	45.9							
LVL 96 LX1000	48.6							
LVL 96 MI500	33.4							
LVL 96 MX500	28.2							
LVL 96 SX260	17.5							
Micronic 24 1.0ml	19.7							
Micronic 24 1.5ml	20.5							
Micronic 24 3.0ml	26.5							
Micronic 24 3.5ml	33.5							
Micronic 24 6.0ml	51.5							
Micronic 48 1.00ml	19.7							
Micronic 48 2.00ml	30.0							
Micronic 48 3.00ml	41.0							
Micronic 48 4.00ml	51.5							
Micronic 96 0.30ml	19.9							
Micronic 96 0.40ml	25.3							
Micronic 96 0.50ml	26.0							
Micronic 96 0.75ml Ext	33.5							
Micronic 96 0.80ml	38.3							
Micronic 96 1.00ml	44.0							
Micronic 96 1.10ml	44.6							
Micronic 96 1.40ml	51.5							
Micronic 96 2.00ml	66.5							
Thermo Matrix 96 0.50ml Cap	35.0							
Thermo Matrix 96 0.50ml INT	39.2							
Thermo Matrix 96 1.0ml Cap	45.7							
Thermo Matrix 96 1.0ml INT	52.6							