

Description	FluidX 48-format 2.0ml External Thread Jacket Tubes
Creation Date	05.05.2020
Product Change Notice Number	NOC 2005
Revision	2.0
This Product Change Notice supersedes the following documents:	

1. Description and Reason for Change

We are writing to inform you that as part of our aim for continuous improvement, the FluidX 48-format, 2.0ml External Thread Jacket tubes will be discontinued on the 5th May 2020 and production will end on the 31st December 2020. Last orders for these products will need to be received no later than the 20th of November 2020. It is becoming more difficult to maintain quality and productivity levels of this tube due to ageing Production line equipment.

The replacement products, our next generation tubes, FluidX 48-format, 1.9ml External Thread Next-Gen Jacket tubes were launched in 2018. If you would like to receive a sample, please follow the link below to request a sample.

<https://www.brookslifesciences.com/products/fluidx-48-format-1.9ml-external-thread-next-gen-jacket-tri-coded-cryo-tube>

2. Communication Distribution – Need to know list

Customer's Procurement	Sales Managers to inform
Customer's End User	Sales Managers to inform
Customer's Service Team	Sales Managers to inform
Brooks Life Sciences Service Team	Product Management to inform
Brooks Life Sciences Customer Care Team	Product Management to inform

3. Classification of Change

Customer Notification	Yes
Information Only	

4. Impact of Change

If you switch to FluidX 48-format, 1.9ml External Thread Next-Gen Jacket tubes please note the following:

- The Next-Generation Jacket tube is manufactured using an advanced manufacturing technique used to integrate 2 resin colours into the same tube for high resolution coding
- Next Generation Manufacturing process results in one-piece tube removing the need for additional assembly
- Each tube features a permanent 2D code and Human Readable Number laser etched in high contrast on the tube base

- Our Next Generation Jacket tubes have a black on white code, which hasn't changed
- Smooth tube silhouette allows for the application of additional labels if required
- Material 100% virgin polypropylene, which hasn't changed
- There are some differences in tube dimensions created by this change, internal tube dimensions differ, resulting in higher working volumes. Differences are highlighted in yellow in the [table 8.1](#).
- The change has no adverse effect on the properties and function of the tube
- There are no major differences in compatibility with automated instruments, such as the IntelliXcap*1, XSD*1, Perception HD, Impression or Scope
- If you are using our tubes in a Brooks Automated Store, please contact us to arrange a review with a Sample Store specialist

5. Affected Part Numbers

Item Number	Description
65-7531	FluidX 48-format, 2ml External Thread, Jacket Tri-coded Cryo Tube, round bottom, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, uncapped, bulk, 480 tubes per case
65-7532	FluidX 48-format, 2ml External Thread, Jacket Tri-coded Cryo Tube, round bottom, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, capped, bulk, 480 tubes per case
65-7533	FluidX 48-format, 2ml External Thread, Jacket Tri-coded Cryo Tube, round bottom, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, uncapped, 10 racks per case, 48-format Rack (1 Piece Rack Base), Empty rack part number: 65-9451
65-7534	FluidX 48-format, 2ml External Thread, Jacket Tri-coded Cryo Tube, round bottom, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, capped, 10 racks per case, 48-format Rack (1 Piece Rack Base), Empty rack part number: 65-9451
65-7631	FluidX 48-format, 2ml External Thread, Jacket 2D-coded Cryo Tube, 2D Code on base, uncapped, bulk, 480 tubes per case
65-7632	FluidX 48-format, 2ml External Thread, Jacket 2D-coded Cryo Tube, 2D Code on base, capped, bulk, 480 tubes per case
65-7536	FluidX 48-format, 2ml External Thread, Jacket 2D-coded Cryo Tube, round bottom, 2D Code on base, uncapped, 10 racks per case, 48-format Rack (1 Piece Rack Base) Empty rack part number: 65-9451
65-7537	FluidX 48-format, 2ml External Thread, Jacket 2D-coded Cryo Tube, round bottom, 2D Code on base, capped, 10 racks per case, 48-format Rack (1 Piece Rack Base) Empty rack part number: 65-9451

Please note this affects all custom and treated products which contain any of these base part numbers. For example, SP-2093, 65-7532-GS.

6. Replacement Products

Item Number	Alternative Item Number	Alternative Description
65-7531	65-7640	FluidX 48-format, 1.9ml External Thread, Next-Gen Jacket Tri-coded Cryo Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, uncapped, bulk, 480 tubes per case
65-7532	65-7641	FluidX 48-format, 1.9ml External Thread, Next-Gen Jacket Tri-coded Cryo Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, capped, bulk, 480 tubes per case
65-7533	65-7642	FluidX 48-format, 1.9ml External Thread, Next-Gen Jacket Tri-coded Cryo Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, uncapped, 10 racks per case 48-format Rack (1 Piece Rack Base), Empty rack part number: 65-9451
65-7534	65-7643	FluidX 48-format, 1.9ml External Thread, Next-Gen Jacket Tri-coded Cryo Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, capped, 10 racks per case 48-format Rack (1 Piece Rack Base), Empty rack part number: 65-9451
65-7631	65-7644	FluidX 48-format, 1.9ml External Thread, Next-Gen Jacket 2D-coded Cryo Tube, 2D Code on base, uncapped, bulk, 480 tubes per case
65-7632	65-7645	FluidX 48-format, 1.9ml External Thread, Next-Gen Jacket 2D-coded Cryo Tube, 2D Code on base, capped, bulk, 480 tubes per case
65-7536	65-7646	FluidX 48-format, 1.9ml External Thread, Next-Gen Jacket 2D-coded Cryo Tube, 2D Code on base, uncapped, 10 racks per case 48-format Rack (1 Piece Rack Base), Empty rack part number: 65-9451
65-7537	65-7647	FluidX 48-format, 1.9ml External Thread, Next-Gen Jacket 2D-coded Cryo Tube, 2D Code on base, capped, 10 racks per case 48-format Rack (1 Piece Rack Base), Empty rack part number: 65-9451

7. Recommended Action

The replacement products, our next generation tubes, FluidX 48-format, 1.9ml External Thread Next-Gen Jacket tubes were launched in May 2018. Evaluation samples are available on our website, please follow the link below to request a sample.

<https://www.brookslifesciences.com/products/fluidx-48-format-1.9ml-external-thread-next-gen-jacket-tri-coded-cryo-tube>

8. Specification of replacement products



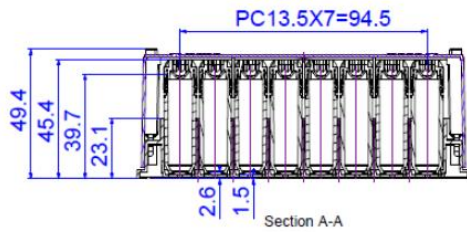
		
	FluidX 48-format, 1.9ml External Thread Next Gen Jacket Tri-coded (replacement)	FluidX 48-format 2.0ml External Thread Jacket Tri-Coded
Max Working Volume 21° (ml) screw cap	2.3	2.2
Max Working Volume - Frozen (ml) screw cap	1.9	1.8
Max Working Volume (µl) screw cap	1916	1833
Max Working Volume (µl) septum cap	-	-
Tube Height (mm)	38.2	38.2
Tube Height with Cap (mm)	43.9	43.9
Tube Height with septum cap (mm)	-	-
Internal height to the bottom of the tube (mm)	37.1	35.9
Tube height in rack with Screw Cap (mm)	45.4	45.4
Overall rack height with Screw Cap & Lid (mm)	49.4	49.4
Tube height in rack with Septum Cap (mm)	-	-
Tube height in rack with Septum Cap & Lid (mm)	-	-
Inner Diameter (mm)	9.6	9.6
Outer Diameter with Cap (mm)	12.8	12.8
Center to Center (mm)	13.5	13.5
Min Temperature °C screw cap	-196	-196
Min Temperature °C septum cap	-80	-80
2D Coded	Base	Base
Human Readable Number	Side	Side
Linear Barcode	Side	Side
Bulk, uncapped	65-7640	65-7531
Bulk, pre-capped	65-7641	65-7532
Pre-racked, uncapped	65-7642	65-7533
Pre-racked, pre-capped	65-7643	65-7534

Table 8.1. comparison of affected and replacement products

Rack Comparison

1.9ml NG EXT Jacket Tube

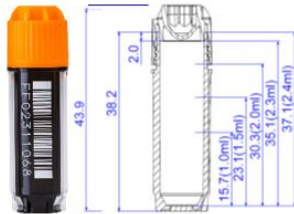


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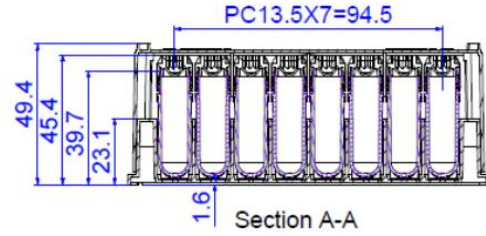
Notes:

- 48-format
- One-piece "Heart" Rack
- 2D Rack ID Option Available
- Empty Rack Part Number:



Standard Standard

2.0ml EXT Jacket Tube

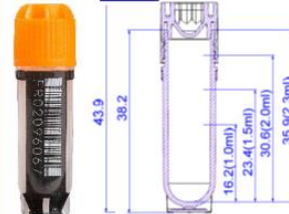


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Notes:

- 48-format
- One-piece "Heart" Rack
- 2D Rack ID Option Available
- Empty Rack Part Number:



Standard Standard

9. Timeframe for implementation

Effective from 5th May 2020

Last orders to be received by 20th November 2020

Production will end on 31st December 2020

10. For more information please contact Brooks Life Sciences

If you require further information, please contact your local Account or Distribution Manager or call our Customer Service team on

North America +1.800.379.7221
Europe +44.0.161.777.2000
Japan +81.45.4477.5570 (ext. 24)

Notes:

**1 Usage of a decapper with a mixed population rack may require potential optimization to the profile setup, so please test before use and contact Tech Support if you require further information.*