

<b>Description</b>	FluidX 96-format 0.5ml External Thread Jacket Tubes
<b>Creation Date</b>	05.05.2020
<b>Product Change Notice Number</b>	NOC 1909
<b>Revision</b>	3.0
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 96-format, 0.5ml External Thread Jacket tubes will be discontinued on the 5<sup>th</sup> May 2020 and production will end on the 31<sup>st</sup> December 2020. Last orders for these products will need to be received no later than the 20<sup>th</sup> 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 96-format, 0.5ml External Thread Next-Gen Jacket tubes were launched in May 2018. If you would like to receive a sample, please follow the request a sample link below;

<https://www.brookslifesciences.com/products/fluidx-96-format-0.5ml-external-thread-next-gen-jacket-tri-coded-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 the FluidX 96-format, 0.5ml 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
- The Tri-Coded version features a permanent 2D code laser etched in high-contrast on the tube base, a permanent 1D (linear barcode) and Human-Readable Number laser etched in high-contrast on the tube side
- 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
68-0702-00	FluidX 96-format, 0.5ml External Thread, Jacket Tri-coded Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, uncapped, bulk, 960 tubes per case
68-0702-10N	FluidX 96-format, 0.5ml External Thread, Jacket Tri-coded Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, capped, bulk, 960 tubes per case
68-0702-01	FluidX 96-format, 0.5ml External Thread, Jacket Tri-coded Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, uncapped, 10 racks per case LowBase Rack, Empty rack part number: 66-51004
68-0702-02	FluidX 96-format, 0.5ml External Thread, Jacket Tri-coded Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, uncapped, 10 racks per case HighBase Rack, Empty rack part number: 66-51026
68-0702-11N	FluidX 96-format, 0.5ml External Thread, Jacket Tri-coded Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, capped, 10 racks per case LowBase Rack, Empty rack part number: 66-51004
68-0702-12N	FluidX 96-format, 0.5ml External Thread, Jacket Tri-coded Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, capped, 10 racks per case HighBase Rack, Empty rack part number: 66-51026

Please note this affects all custom and treated products which contain any of these base part numbers. For example, SP-2092, 68-0700-11N-GS.

## 6. Replacement Products

Item Number	Alternative Item Number	Alternative Description
68-0702-00	68-0703-00	FluidX 96-format, 0.5ml External Thread, Next-Gen Jacket <b>Tri-coded</b> Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, uncapped, bulk, 960 tubes per case
68-0702-10N	68-0703-10	FluidX 96-format, 0.5ml External Thread, Next-Gen Jacket <b>Tri-coded</b> Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, capped, bulk, 960 tubes per case



Item Number	Alternative Item Number	Alternative Description
68-0702-01	68-0703-01	FluidX 96-format, 0.5ml External Thread, Next-Gen Jacket <b>Tri-coded</b> Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, uncapped, 10 racks per case LowBase Rack, Empty rack part number: 66-51004
68-0702-02	68-0703-02	FluidX 96-format, 0.5ml External Thread, Next-Gen Jacket <b>Tri-coded</b> Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, uncapped, 10 racks per case HighBase Rack, Empty rack part number: 66-51026
68-0702-11N	68-0703-11	FluidX 96-format, 0.5ml External Thread, Next-Gen Jacket <b>Tri-coded</b> Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, capped, 10 racks per case LowBase Rack, Empty rack part number: 66-51004
68-0702-12N	68-0703-12	FluidX 96-format, 0.5ml External Thread, Next-Gen Jacket <b>Tri-coded</b> Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, capped, 10 racks per case, HighBase Rack, Empty rack part number: 66-51026
N/A	68-0704-00	FluidX 96-format, 0.5ml External Thread, Next-Gen Jacket <b>2D-coded</b> Tube, 2D Code on base, uncapped, bulk, 960 tubes per case
N/A	68-0704-10	FluidX 96-format, 0.5ml External Thread, Next-Gen Jacket <b>2D-coded</b> Tube, 2D Code on base, capped, bulk, 960 tubes per case
N/A	68-0704-01	FluidX 96-format, 0.5ml External Thread, Next-Gen Jacket <b>2D-coded</b> Tube, 2D Code on base, uncapped, 10 racks per case LowBase Rack, Empty rack part number: 66-51004
N/A	68-0704-02	FluidX 96-format, 0.5ml External Thread, Next-Gen Jacket <b>2D-coded</b> Tube, 2D Code on base, uncapped, 10 racks per case HighBase Rack, Empty rack part number: 66-51026
N/A	68-0704-11	FluidX 96-format, 0.5ml External Thread, Next-Gen Jacket <b>2D-coded</b> Tube, 2D Code on base, capped, 10 racks per case LowBase Rack, Empty rack part number: 66-51004
N/A	68-0704-12	FluidX 96-format, 0.5ml External Thread, Next-Gen Jacket <b>2D-coded</b> Tube, 2D Code on base, capped, 10 racks per case HighBase Rack, Empty rack part number: 66-51026

## 7. Recommended Action

The replacement products, our next generation tubes, FluidX 96-format, 0.5ml 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-96-format-0.5ml-external-thread-next-gen-jacket-tri-coded-tube>


## 8. Specification of replacement products

		
	<b>FluidX 96-format 0.5ml External Thread Next-Gen Jacket Tube (replacement)</b>	<b>FluidX 96-format 0.5ml External Thread Jacket Tube</b>
Max Working Volume (ml) screw cap	0.55	0.55
Max Working Volume (µl) screw cap	552	552
Max Working Volume (µl) septum cap	525	525
Tube Height (mm)	26.4	26.3
Tube Height with Cap (mm)	29.8	29.7
Tube Height with septum cap (mm)	27.6	27.5
Internal height to the bottom of the tube (mm)	23.2	24.4
Inner Diameter (mm)	6.5	6.5
Outer Diameter with Cap (mm)	8.7	8.7
Center to Center (mm)	9	9
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	68-0703-00	68-0702-00
Bulk, pre-capped	68-0703-10	68-0702-10N
Pre-racked, uncapped	68-0703-02	68-0702-02
Pre-racked, pre-capped	68-0703-12	68-0702-12N

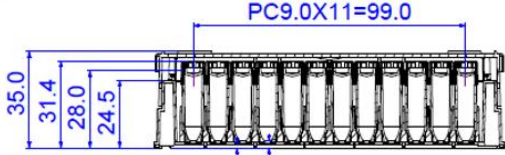
**Table 8.1. comparison of affected and replacement products**

## Rack Comparison

### 0.5ml NG EXT Jacket Tube



PC9.0X11=99.0



35.0  
31.4  
28.0  
24.5

**-196°C**

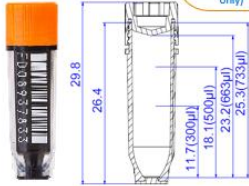
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**Tubes:**


- External Screwcaps
- 2D on bottom & Linear barcode with HRN or blank option on side of tube
- Next-Generation Jacket Tubes
- Smooth silhouette for tube marking or labelling
- Bulk, Uncap Tubes PN: 68-0703-00, 68-0704-00 (2D only)
- Bulk, Cap Tubes PN: 68-0703-10, 68-0704-10 (2D only)

**Racks:**

- Standard Profile Rack Base
- Laser-etched 1D Linear Barcode on West side
- 2D Rack ID
- Locking Lid
- Rack, Uncap PN: 68-0703-02, 68-0704-02 (2D only)
- Rack, Cap PN: 68-0703-12, 68-0704-12 (2D only)
- Empty Rack PN: 66-51026




29.8  
26.4  
11.7 (300µl)  
18.1 (500µl)  
23.2 (650µl)  
25.3 (733µl)

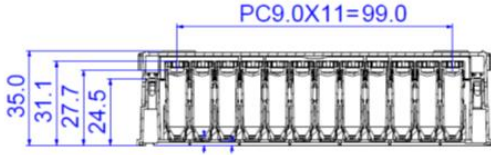


Standard Standard

### 0.5ml EXT Jacket Tube



PC9.0X11=99.0



35.0  
31.1  
27.7  
24.5

**-196°C**

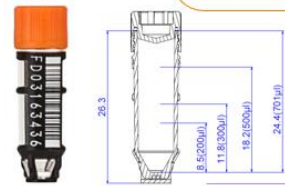
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**Tubes:**


- Internal Screwcaps
- 2D (black on white) & 1D linear barcode with HRN on side of tube

**Racks:**

- Automation Friendly Rack
- Laser-etched 1D Linear Barcode on West side
- 2D Rack ID
- Locking Lid
- Empty Rack PN: 66-51026



28.3  
11.8 (300µl)  
19.2 (500µl)  
24.4 (701µl)



Standard Standard

## 9. Timeframe for implementation

Effective from 5<sup>th</sup> May 2020

Last orders to be received by 30<sup>th</sup> November 2020

Production will end on 31<sup>st</sup> 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.*