

<b>Description</b>	FluidX 96-format 0.3ml External Thread Jacket Tubes
<b>Creation Date</b>	04.05.2021
<b>Product Change Notice Number</b>	NOC 1805
<b>Revision</b>	3.0
This Product Change Notice supersedes the following documents:	NOC 1805 Revision 2.0

### 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, 0.3ml 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, 0.26ml External Thread Next-Gen Jacket tubes were launched in 2017. If you would like to receive a sample, please follow the request a sample link below.

<https://www.brookslifesciences.com/products/fluidx-96-format-0.26ml-external-thread-next-gen-jacket-dual-coded-tube>

### 2. Communication Distribution – Need to know list

Customer's Procurement	C&I Sales to inform
Customer's End User	C&I Sales to inform
Customer's Service Team	C&I Sales 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, 0.26ml 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 which 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
68-0300-00	FluidX 96-format, 0.3ml External Thread, Jacket <b>2D-coded</b> Tube, 2D code on base, uncapped, bulk, 960 tubes per case
68-0300-10N	FluidX 96-format, 0.3ml External Thread, Jacket <b>2D-coded</b> Tube, 2D code on base, capped, bulk, 960 tubes per case
68-0300-01	FluidX 96-format, 0.3ml External Thread, Jacket <b>2D-coded</b> Tube, 2D code on base, uncapped, 10 racks per case, LowBase Rack, Empty rack part number: 68-0300-20
68-0300-11N	FluidX 96-format, 0.3ml External Thread, Jacket <b>2D-coded</b> Tube, 2D code on base, capped, 10 racks per case, LowBase Rack, Empty rack part number: 68-0300-20
68-0302-00	FluidX 96-format, 0.3ml External Thread, Jacket <b>Dual-coded</b> Tube, 2D code on base and side, uncapped, bulk, 960 tubes per case
68-0302-10N	FluidX 96-format, 0.3ml External Thread, Jacket <b>Dual-coded</b> Tube, 2D code on base and side, capped, bulk, 960 tubes per case
68-0302-01	FluidX 96-format, 0.3ml External Thread, Jacket <b>Dual-coded</b> Tube, 2D code on base and side, uncapped, 10 racks per case, LowBase Rack, Empty rack part number: 68-0300-20
68-0302-11N	FluidX 96-format, 0.3ml External Thread, Jacket <b>Dual-coded</b> Tube, 2D code on base and side, capped, 10 racks per case, LowBase Rack, Empty rack part number: 68-0300-20

*Please note this affects all custom and treated products which contain any of these base part numbers. For example, SP-2258, 68-0300-11N-GS.*

## 6. Replacement Products

Item Number	Alternative Item Number	Alternative Description
68-0300-00	68-0301-00	FluidX 96-format, 0.26ml External Thread, Next-Gen Jacket <b>2D-coded</b> Tube, 2D code on base, uncapped, bulk, 960 tubes per case
68-0300-10N	68-0301-10	FluidX 96-format, 0.26ml External Thread, Next-Gen Jacket <b>2D-coded</b> Tube, 2D code on base, capped, bulk, 960 tubes per case
68-0300-01	68-0301-01	FluidX 96-format, 0.26ml 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: 68-0300-20
68-0300-11N	68-0301-11	FluidX 96-format, 0.26ml 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: 68-0300-20
68-0302-00	68-0303-00	FluidX 96-format, 0.26ml External Thread, Next-Gen Jacket <b>Dual-coded</b> Tube, 2D Code on base, 2D and Human Readable Number on side, uncapped, bulk, 960 tubes per case
68-0302-10N	68-0303-10	FluidX 96-format, 0.26ml External Thread, Next-Gen Jacket <b>Dual-coded</b> Tube, 2D Code on base, 2D and Human Readable Number on side, capped, bulk, 960 tubes per case
68-0302-01	68-0303-01	FluidX 96-format, 0.26ml External Thread, Next-Gen Jacket <b>Dual-coded</b> Tube, 2D Code on base, 2D and Human Readable Number on side, uncapped, 10 racks per case LowBase Rack, Empty rack part number: 68-0300-20
68-0302-11N	68-0303-11	FluidX 96-format, 0.26ml External Thread, Next-Gen Jacket <b>Dual-coded</b> Tube, 2D Code on base, 2D and Human Readable Number on side, capped, 10 racks per case LowBase Rack, Empty rack part number: 68-0300-20

## 7. Recommended Action

The replacement products, our next generation tubes, FluidX 96-format, 0.26ml External Thread Next-Gen Jacket tubes were launched in 2017. Evaluation samples are available on our website, please follow the link below to request a sample.

<https://www.brookslifesciences.com/products/fluidx-96-format-0.26ml-external-thread-next-gen-jacket-dual-coded-tube>

## 8. Specification of replacement products



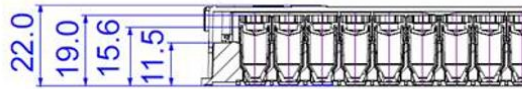
		
	FluidX 96-format 0.3ml External Thread Jacket Tube	FluidX 96-format 0.26ml External Thread Next Gen Jacket Tube (replacement product)
Max Working Volume (ml) screw cap	0.26	0.26
Max Working Volume (µl) screw cap	260	260
Max Working Volume (µl) septum cap	230	230
Tube Height (mm)	15.4	15.2
Tube Height with Cap (mm)	18.8	18.6
Tube Height with septum cap (mm)	16.6	16.4
Internal height to the bottom of the tube (mm)	13.9	13.9
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 & Side	Base & Side
Human Readable Number	Base	Base
Linear Barcode	N/A	N/A
Bulk, uncapped	68-0302-00	68-0303-00
Bulk, pre-capped	68-0302-10N	68-0303-10
Pre-racked, uncapped	68-0302-01	68-0303-01
Pre-racked, pre-capped	68-0302-11N	68-0303-11

Table 8.1. comparison of affected and replacement products.

## Rack Comparison

### 0.3ml EXT Jacket Tube

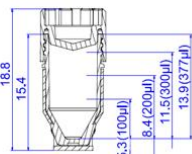


**-196°C**

**260ul**

**Notes:**

- 96-format
- 2D Rack ID Option Available
- No Linear Barcode on Side of Tube
- External-Thread Tube
- Empty Rack Part Number: 68-0300-20

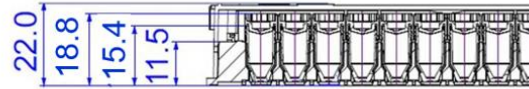


Standard

Standard

### 0.26ml EXT Next-Gen Jacket Tube

(replacement product)

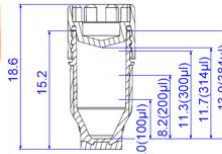


**-196°C**

**260ul**

**Notes:**

- 96-format
- 2D Rack ID Option Available
- 2D on Side of Tube
- External-Thread Tube
- Empty Rack Part Number: 68-0300-20



Standard

Standard

## 9. Timeframe for implementation

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

Last orders to be received by 20<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.