Description	FluidX 96-format 0.75ml Internal Thread Jacket Tubes
Creation Date	18.05.2020
Product Change Notice Number	NOC 2010
Revision	1.0
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, 0.75ml Internal Thread Jacket tubes will be discontinued on 18th 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 96-format, 0.48ml Internal 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-96-format-0.48ml-internal-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 FluidX 96-format, 0.48ml Internal 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
- Smooth tube silhouette allows for the application of additional labels if required

- The Next-Generation Jacket tubes feature 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
- 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
67-0750-00	FluidX 96-format, 0.75ml Internal Thread, Jacket **Tri-coded** Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, uncapped, bulk, 960 tubes per case
67-0750-01	FluidX 96-format, 0.75ml Internal 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: 66-51015
67-0750-02	FluidX 96-format, 0.75ml Internal 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, Lid suitable for TPE Caps only, Empty rack part number: 66-51004
67-0750-03	FluidX 96-format, 0.75ml Internal 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, Lid suitable for TPE caps and AirFilm use only, Empty rack part number: 66-51024
67-0750-04	FluidX 96-format, 0.75ml Internal 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, Lid suitable for Screw Cap use only, Empty rack part number: 66-51025
67-0750-20	FluidX 96-format, 0.75ml Internal Thread, Jacket **Tri-coded** Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, capped, bulk, 960 tubes per case
67-0750-21	FluidX 96-format, 0.75ml Internal 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: 66-51015
67-0750-24	FluidX 96-format, 0.75ml Internal 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: 66-51025
67-0752-00	FluidX 96-format, 0.75ml Internal Thread, Jacket **2D-coded** Tube, 2D Code on base, uncapped, bulk, 960 tubes per case
67-0752-01	FluidX 96-format, 0.75ml Internal Thread, Jacket **2D-coded** Tube, 2D Code on base, uncapped, 10 racks per case, LowBase Rack, Empty rack part number: 66-51015
67-0752-02	FluidX 96-format, 0.75ml Internal Thread, Jacket **2D-coded** Tube, 2D Code on base, uncapped, 10 racks per case LowBase Rack, Lid suitable for TPE caps only, Empty rack part number: 66-51004
67-0752-20	FluidX 96-format, 0.75ml Internal Thread, Jacket **2D-coded** Tube, 2D Code on base, capped, bulk, 960 tubes per case
67-0752-21	FluidX 96-format, 0.75ml Internal Thread, Jacket **2D-coded** Tube, 2D Code on base, capped, 10 racks per case, LowBase Rack, Empty rack part number: 66-51015

Please note this affects all custom and treated products which contain any of these base part numbers. For example, SP-1065, 67-0750-00-GS.

6. Replacement Products

Item Number	Alternative Item Number	Alternative Description
67-0750-00	67-0753-00	FluidX 96-format, 0.48ml Internal Thread, Next-Gen Jacket **Tri-coded** Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, uncapped, bulk, 960 tubes per case
67-0750-01	67-0753-01	FluidX 96-format, 0.48ml Internal Thread, Next-Gen 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: 66-51015
67-0750-04	67-0753-02	FluidX 96-format, 0.48ml Internal Thread, Next-Gen 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: 66-51025
67-0750-20	67-0753-10	FluidX 96-format, 0.48ml Internal Thread, Next-Gen Jacket **Tri-coded** Tube, 2D Code on base, 1D Linear Barcode and Human Readable Number on side, capped, bulk, 960 tubes per case
67-0750-21	67-0753-11	FluidX 96-format, 0.48ml Internal Thread, Next-Gen 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: 66-51015
67-0750-24	67-0753-12	FluidX 96-format, 0.48ml Internal Thread, Next-Gen 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: 66-51025
67-0752-00	67-0754-00	FluidX 96-format, 0.48ml Internal Thread, Next-Gen Jacket **2D-coded** Tube, 2D Code on base, uncapped, bulk, 960 tubes per case
67-0752-01	67-0754-01	FluidX 96-format, 0.48ml Internal Thread, Next-Gen Jacket **2D-coded** Tube, 2D Code on base, uncapped, 10 racks per case LowBase Rack, Empty rack part number: 66-51015
67-0752-02	67-0754-02	FluidX 96-format, 0.48ml Internal Thread, Next-Gen Jacket **2D-coded** Tube, 2D Code on base, uncapped, 10 racks per case HighBase Rack, Empty rack part number: 66-51025
67-0752-20	67-0754-10	FluidX 96-format, 0.48ml Internal Thread, Next-Gen Jacket **2D-coded** Tube, 2D Code on base, capped, bulk, 960 tubes per case
67-0752-21	67-0754-11	FluidX 96-format, 0.48ml Internal Thread, Next-Gen Jacket **2D-coded** Tube, 2D Code on base, capped, 10 racks per case LowBase Rack, Empty rack part number: 66-51015

7. Recommended Action

The replacement products, our next generation tubes, FluidX 96-format, 0.48ml Internal 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-0.48ml-internal-thread-next-gen-jacket-tri-coded-tube

## 8. Specification of replacement products

	FluidX 96-format, 0.48ml Internal Thread Next Gen Jacket Tri-coded (replacement products)	FluidX 96-format, 0.75ml Internal Thread, Jacket Tri-coded
Max Fill Volume 21°C (ml) screw cap	0.58	0.53
Max Working Volume - Frozen (ml) screw cap	0.48	0.44
Max Working Volume (µl) screw cap	483	440
Max Working Volume (µl) septum cap	572	532
Tube Height (mm)	26.4	27.8
Tube Height with Screw Cap (mm)	34.7	36
Tube Height with Septum Cap (mm)	26.4	28.7
Tube height in rack with Screw Cap (mm)	36.2	37.4
Overall rack height with Screw Cap & Lid (mm)	44.9	44.9
Tube height in rack with Septum Cap (mm)	35	38
Overall rack height with Septum Cap & Lid (mm)	28.6	30.3
Inner Diameter (mm)	6.8	6.8
Outer Diameter with Cap (mm)	8.6	8.6
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	67-0753-00	67-0750-00
Bulk, pre-capped	67-0753-10	67-0750-10
Pre-racked, uncapped	67-0753-02	67-0750-01
Pre-racked, pre-capped	67-0753-12	67-0750-11

Table 8.1. comparison of affected and replacement products

Rack Comparison
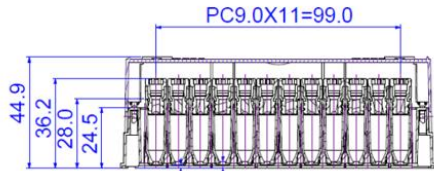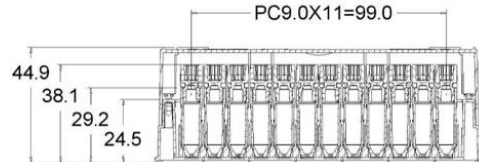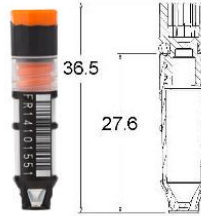
9. Timeframe for implementation

Effective from 18th 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.