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|--|---|
| Description | FluidX 96-format 1.3ml Internal Thread Jacket Tubes |
| Creation Date | 18.05.2020 |
| Product Change Notice Number | NOC 2009 |
| 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, 1.3ml 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, 0.9ml External Thread Next-Gen Jacket tubes were launched in 2019. 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-0.9ml-internal-thread-next-gen-jacket-tri-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, 0.9ml 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
- 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, which hasn't changed
- Our Next Generation Jacket tubes have a black on white code, which hasn't changed
- Material 100% virgin polypropylene, 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 |
|-------------|--|
| 67-1400-00 | FluidX 96-format, 1.3ml 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 |
| 67-1400-20 | FluidX 96-format, 1.3ml 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 |
| 67-1400-01 | FluidX 96-format, 1.3ml 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 use with Screw Caps, Empty rack part number: 66-51018 |
| 67-1400-02 | FluidX 96-format, 1.3ml 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 use with TPE caps, Empty rack part number: 66-51019 |

Please note this affects all custom and treated products which contain any of these base part numbers. For example, SP-2493, SP-2723.

6. Replacement Products

| Item Number | Alternative Item Number | Alternative Description |
|-------------|-------------------------|---|
| 67-1400-00 | 67-0757-00 | FluidX 96-format, 0.9ml 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 |
| 67-1400-20 | 67-0757-10 | FluidX 96-format, 0.9ml 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 |
| 67-1400-01 | 67-0757-01 | FluidX 96-format, 0.9ml 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: 66-51023 |

| Item Number | Alternative Item Number | Alternative Description |
|-------------|-------------------------|---|
| 67-1400-02 | 67-0757-11 | FluidX 96-format, 0.9ml 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: 66-51023 |

7. Recommended Action

The replacement products, our next generation tubes, FluidX 96-format, 0.9ml Internal Thread Next-Gen Jacket tubes were launched in 2019. Evaluation samples are available on our website, please follow the link below to request a sample.

<https://www.brookslifesciences.com/products/fluidx-96-format-0.9ml-internal-thread-next-gen-jacket-tri-coded-tube>

8. Specification of replacement products



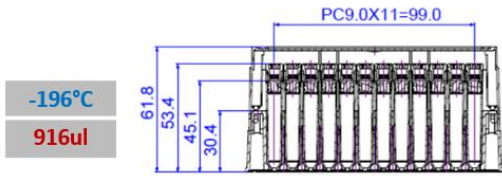
| |  |  |
|--|---|---|
| | FluidX 96-format 0.9ml Internal Thread Next-Gen Jacket Tri-coded (replacement) | FluidX 96-format 1.3ml Internal Thread Jacket Tri-coded |
| Max Fill Volume 21°C (ml) screw cap | 1.1 | 1.1 |
| Max Working Volume - Frozen (ml) screw cap | 0.9 | 0.9 |
| Max Working Volume (µl) screw cap | 916 | 930 |
| Max Working Volume (µl) septum cap | 999 | 925 |
| Tube Height (mm) | 44.2 | 43.9 |
| Tube Height with Screw Cap (mm) | 52.5 | 52.8 |
| Tube Height with Septum Cap (mm) | 45.4 | 45 |
| Tube height in rack with Screw Cap (mm) | 53.4 | 53.9 |
| Overall rack height with Screw Cap & Lid (mm) | 61.8 | 55.9 |
| Tube height in rack with Septum Cap (mm) | 46.3 | 46.1 |
| Overall rack height with Septum Cap & Lid (mm) | 50.8 | 55.9 |
| Inner Diameter (mm) | 6.8 | 6.8 |
| Outer Diameter with Cap (mm) | 8.4 | 8.8 |
| 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 | 67-0757-00 | 67-1400-00 |
| Bulk, pre-capped | 67-0757-10 | 67-1400-20 |
| Pre-racked, uncapped | 67-0757-01 | 67-1400-01 |
| Pre-racked, pre-capped | 67-0757-11 | 67-1400-02 |

Table 8.1. comparison of affected and replacement products.

Rack Comparison

0.9ml Internal Thread Next-Gen Jacket tubes

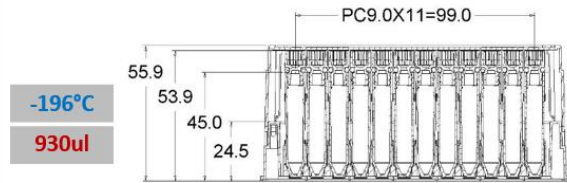


Notes:

- 2D Rack ID Option Available
- Locking Lid
- External Thread Tube
- Empty Rack Part Number: 66-51023



96-format 1.3ml INT Jacket Tubes



Notes:

- 2D Rack ID is Available
- Empty Rack Part Number: 66-51018



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.*