

Data sheet – VITROKit InterConnect

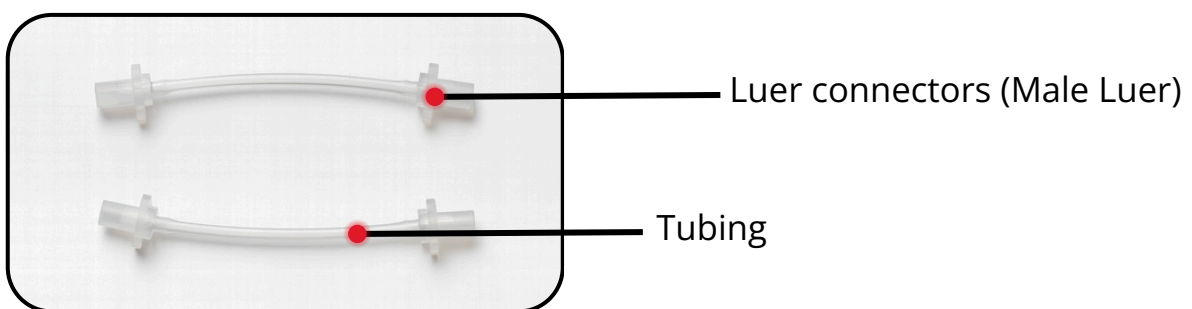
1 Product identification

Product name	VITROKit InterConnect
Product code / item number	VK-IC
Version / revision	v1.0
Manufacturer / distributor:	VitrofluidiX GmbH

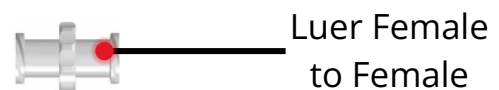
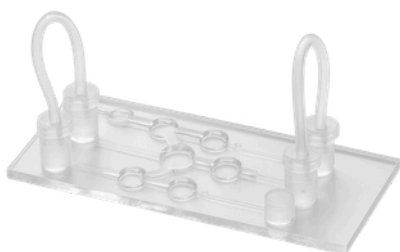
2 Product description

The VITROKit InterConnect is a consumable kit designed for connecting flow lanes on a microfluidic chips with luer-based interfaces within VitrofluidiX systems. The kit includes tubing and luer adapters to enable reliable and leak-tight fluidic connections between different flow lanes on a microfluidic chip. It ensures stable operation and flexible interconnections of cell chambers/models.

The VITROKit InterConnect is intended as a replenishment kit for ongoing operation.



Example for usage:



Source: Ibidi GmbH

Component name	Quantity
Connections (incl. 2 Male Luers)	2
Luer connectors (Female to Female Luers)	2
Instructions flyer	1
Safety & storage flyer	1

3 Intended use

This product is not a medical device.

The product is intended for:

- technical/internal laboratory use
- establishing fluidic connections between components in VitrofluidiX systems
- connecting chips with luer interfaces
- non-clinical, non-diagnostic applications

The product may only be used:

- within VitrofluidiX VitroFlow systems
- for the technical purpose described

4 Materials & composition

Component	Material	Special features
Tubing	Polyurethane	Flexible, biocompatible, wear-prone
Luer adapters	Polymer (PP)	Standardized connection interface
Packaging	Plastic / paper	Clean and protected storage
Flyers	Paper	User guidance & safety instructions

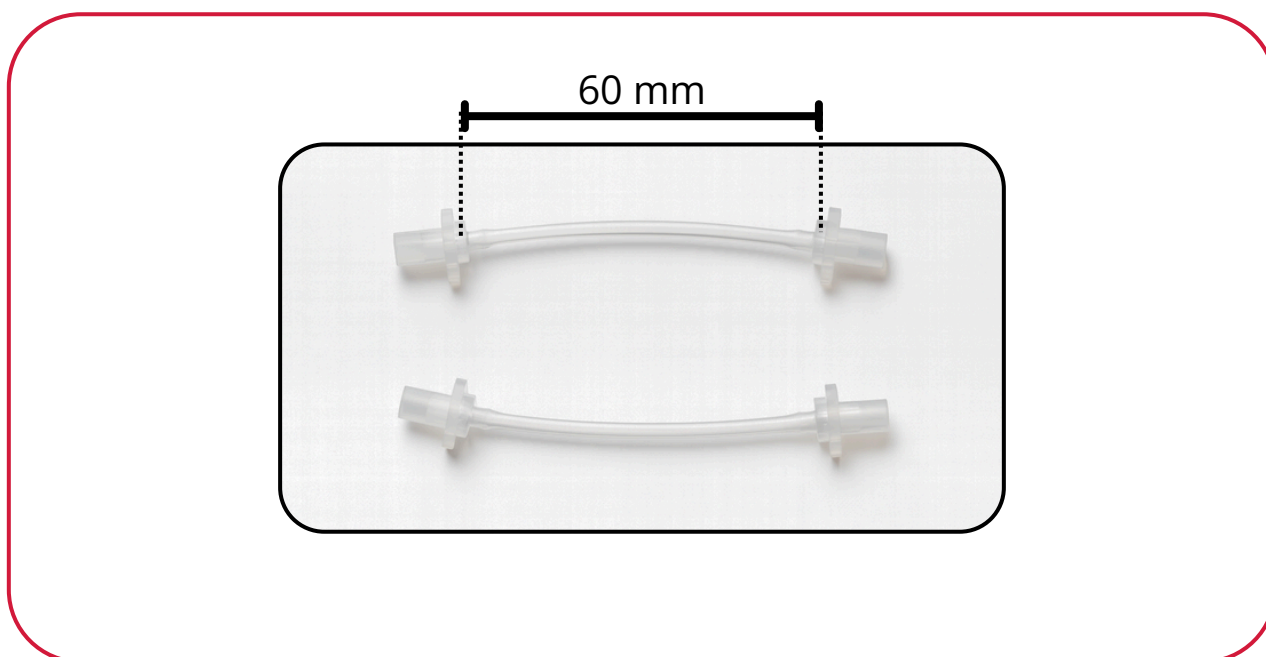


Additional information:

- Regular replacement is required to maintain leak-tight and stable flow conditions
- Use in a cell bank for contamination-free handling

5 Technical informations

Kit-level	
Typical usage duration	approx. 3 months (depending on application)
Adapters connectors	Male Luer
Adapters included	2x female-to-female luer
Tubing & connections	
Tubing material	Polyurethane
Function	Fluidic interconnection
Compatibility	Standard luer interfaces




6 Safety instructions

- Only use the product for its intended purpose
- Read the instructions flyer before use
- Ensure proper connection to avoid leakage
- Damaged tubing or connectors must not be used
- No warranty in case of misuse or modification

7 Storage & transport

- Store at room temperature
- Store in a dry place away from direct sunlight
- Keep in original packaging until use

 For details, see the Safety & Storage Flyer.

8 Handling & operation

- The product must be handled in accordance with the provided instructions.
- Connect tubing securely to luer interfaces
- Ensure all connections are leak-tight before operation
- Avoid excessive bending or mechanical stress on tubing
- Replace tubing regularly to maintain performance
- Important: Tubing wear may lead to leakage, contamination, unstable flow conditions

Reference:

- Operating instructions VitroFlow

9 Compatibility & regulatory status

- The product is intended for use with:

 VitrofluidiX VitroFlow systems

No guarantee of functionality when used with non-approved systems.

This product includes components sourced from qualified external suppliers.

These components are manufactured under certified quality management systems.

VitrofluidiX GmbH performs final product assembly, packaging, and quality control.

- Applicable law: General product safety law

10 Liability & responsibility

VitrofluidiX GmbH accepts no liability for:

- use outside the defined intended purpose
- improper handling or installation
- modification or misuse of components
- combination with non-approved products



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