

PRODUCT DATA SHEET
FlicXX
(ZM-C-FXX)

FlicXX is for use in scientific research and development only.

FlicXX is for single use only. FlicXX is for use with the **AcCellerator** and the appropriate measurement buffers supplied by ZELMECHANIK DRESDEN only.

Manufacturer and Supplier

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Product description

Microfluidic chips made of cured PDMS (Polydimethylsiloxane) closed by a cover glass.

Storage

Store dry, dark, and dust free at 20 °C to 30 °C. Do not expose to temperatures above 40 °C or below 15 °C.

Handling precautions

For single use only! Correct functionality is NOT guaranteed for repeated use or after cleaning / rinsing!

To **connect tubing**, place FlicXX **on solid, smooth surface** to avoid breaking of the glass!

Do not use organic solvents (such as alcohols) on PDMS.

Other product data

stock number	ZM-C-F15	ZM-C-F20	ZM-C-F30	ZM-C-F40
channel height, μm	15 \pm 1,5	20 \pm 1,5	30 \pm 2	40 \pm 2
measurement channel width, μm	15 \pm 1,5	20 \pm 1,5	30 \pm 2	40 \pm 2
glass thickness	#2			
glass size	40 x 24 mm (l x w)			
for connection with outer- \emptyset	1,59 mm			

Personal protection

When handling, wear personal protective equipment consisting of, at least, **impervious protective gloves, safety glasses** and **protective work clothing**.

Special precautions for handling glass:

Do not touch or pick up broken glass with bare hands!

In case of cutting damages: Take immediate measures to stop eventual bleeding. Consult doctor!

In case of cutting damages to the eye: Immediately consult doctor!

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of the employees.

This information is furnished without warranty, and any use of the product outside the designated use for "real-time deformability cytometry" measurements with an AcCellerator, or use in combination with any other product or process, is the sole responsibility of the user.