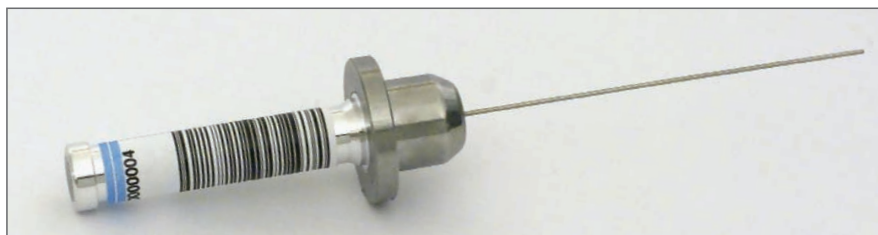


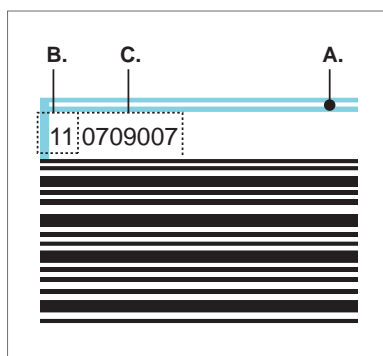
# SPME Fast Fit Fiber Assemblies (FFA)

The SPME Fast Fit Assemblies (FFA) are a new configuration of SPME fibers allowing the automated exchange of SPME fibers by the Multi Fiber EXchange (MFX) unit of an autosampler.



The barcoded SPME FFA's in use with the Multi Fiber EXchanger (MFX) system offer the following benefits:

- No manual switching out of the fiber when performing extractions with various SPME phases.
- Automated screening for optimal selectivity in SPME method development by setting up different SPME phase selectivities.
- Analyte polarity range enhancement as a result of extraction with various phases.
- Program an unattended GC/MS autosampler sequence.



## FFA Barcode Labeling

Provides the user and the autosampler with information about the properties of the SPME fast fit fiber assembly:

- A. The color code indicates the phase type. The coding is the same as for the colored screw hub of the traditional SPME fiber assemblies
- B. The first 2 digits of the barcode identify the fiber type, incorporating the phase and the gauge size.
- C. The remaining digits represent a unique tracking number for sample traceability.

For more information on SPME visit us at [sigma-aldrich.com/spme](http://sigma-aldrich.com/spme)



## Multi Fiber EXchange (MFX) System

The Multi Fiber EXchanger (MFX) was developed and is produced by Chromline s.r.l. Prato/Italy. It is designed to allow automated consecutive extraction and desorption for a number of SPME fibers, without the need for manual change-out of the fiber in the autosampler holder.

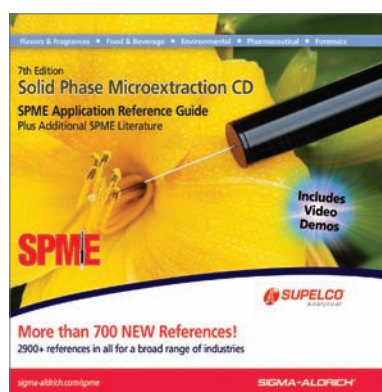


SPME Multi-Fiber stations for 3 fibers or for 25 fibers are available from GERSTEL GmbH & Co. KG.

For more product information please refer to the GERSTEL website under [www.gerstel.com/en/multi-spme-fiber-exchange-mfx.htm](http://www.gerstel.com/en/multi-spme-fiber-exchange-mfx.htm)



## SPME-Application CD (7th Edition)



- More than 2900 application references where more than 150 are from the pharmaceutical/biological area as well as forensic applications
- Video demos – showing the use of SPME
- Technical literature on theory and troubleshooting

Visit [sigma-aldrich.com/spme](http://sigma-aldrich.com/spme) to request your copy.

## Ordering Information

SPME Fast Fit Fiber Assemblies are available as packs of 3 for all phases available as common SPME fibers. They are also available in 5 different assortment kits for selectivity screening.

Product No.	Material Description
FFA57341-U	100µm PDMS (Fused silica) SPME Fast Fit Assembly 23ga, Pk.3
FFA57301	100µm PDMS (Fused silica) SPME Fast Fit Assembly 24ga, Pk.3
FFA57289-U	30µm PDMS (Fused silica) SPME Fast Fit Assembly 23ga, Pk.3
FFA57309	30µm PDMS (Fused silica) SPME Fast Fit Assembly 24ga, Pk.3
FFA57291-U	7µm PDMS (Fused silica) SPME Fast Fit Assembly 23ga, Pk.3
FFA57302	7µm PDMS (Fused silica) SPME Fast Fit Assembly 24ga, Pk.3
FFA57294-U	85µm Polyacrylate (Fused silica) SPME Fast Fit Assembly 23ga, Pk.3
FFA57305	85µm Polyacrylate (Fused silica) SPME Fast Fit Assembly 24ga, Pk.3
FFA57354-U	60µm PEG (Metal) SPME Fast Fit Assembly 23ga, Pk.3
FFA57293-U	65µm PDMS-DVB SPME Fast Fit Assembly 23ga, Pk.3
FFA57327-U	65µm PDMS-DVB SPME Fast Fit Assembly 24ga, Pk.3
FFA57295-U	85µm CAR/PDMS SPME Fast Fit Assembly 23ga, Pk.3
FFA57335-U	85µm CAR/PDMS SPME Fast Fit Assembly 24ga, Pk.3
FFA57298-U	50/30µm DVB/CAR/PDMS SPME Fast Fit Assembly 23ga, Pk.3
FFA57329-U	50/30µm DVB/CAR/PDMS SPME Fast Fit Assembly 24ga, Pk.3

If not otherwise noted fibers are StableFlex core

## Fiber Assortment Kits

Product No.	Material Description
FFA57284-U	SPME FFA Stableflex Assortment Kit 23ga, Pk.4
FFA57285-U	SPME FFA Assortment Kit 1 23ga, Pk.3
FFA57286-U	SPME FFA Assortment Kit 2 23ga, Pk.3
FFA57287-U	SPME FFA Assortment Kit 4 23ga, Pk.3
FFA57362-U	SPME FFA Assortment Kit 5 23ga, Pk.4

**StableFlex Kit** 65 µm PDMS/DVB, 50/30 µm DVB/Carboxen/PDMS, 85 µm Carboxen/PDMS, and 85 µm Polyacrylate

**Kit 1** For Volatiles and Semi-volatiles: 85 µm Polyacrylate, 100 µm PDMS, and 7 µm PDMS.

**Kit 2** For Volatiles or Polar Organics in Water: 75 µm Carboxen/PDMS, 65 µm PDMS/DVB, and 85 µm Polyacrylate.

**Kit 4** For Flavors and Odors: 100 µm PDMS, 65 µm PDMS/DVB, and 75 µm Carboxen/PDMS.

**Kit 5** For Flavors and Odors: 100 µm PDMS, 65 µm PDMS/DVB, 85 µm Carboxen/PDMS, and 50/30 µm DVB/Carboxen/PDMS.

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