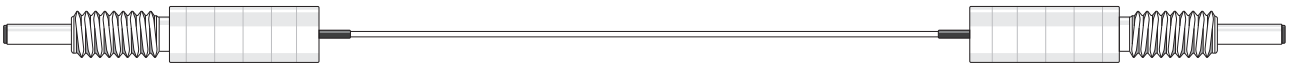
Dr. Maisch

Any Column, Any Size, Any Media



MyMap

Pre-Packed Fritted Capillary, Male Inlet and Outlet for Easy Connection

MADE BY DR. MAISCH

CONTENT

- P 4 INTRODUCTION
  - MYMAP
  - WHY MYMAP?
  - KEY ADVANTAGES
- P 5 WHY MYMAP FROM DR. MAISCH?
- P 6 WHY MYMAP IN A THERMO SCIENTIFIC® MS SYSTEM?
- P 7 ALTERNATIVE TO ACCLAIM™ PEPMAP™ CAPILLARY COLUMNS FROM THERMO FISHER SCIENTIFIC®
- P 8 - 9 ORDERING INFORMATION

MYMAP MADE BY DR. MAISCH

From one of the biggest
High-**P**erformance **L**iquid **C**hromatography (HPLC) and
Ultra **H**igh-**P**erformance **L**iquid **C**hromatography (UHPLC)
Column Manufacturers in Europe.

MyMap - Why Fritted Capillaries?

MyMap columns are pre-packed fritted capillary columns without integrated emitters. This design provides maximum flexibility and long-term robustness in nano-LC–MS workflows.

Why MyMap? - Built for High-Resolution Proteomics

MyMap nano-LC columns are designed for advanced proteomics workflows requiring high sensitivity and reproducibility.

- Available Inner Diameters (ID):
  - 50 µm
  - 70 µm
  - 100 µm
  - 150 µm

- Available Column Lengths:
  - 50 mm to 500 mm

Key Advantages

- Flexible Emitter Selection.
- Stable High-Pressure Performance.
- Optimized for Demanding Proteomics Applications.

Each column features integrated 1/16” male PEEK Fingertight Fittings on both inlet and outlet, providing secure, leak-free, zero-dead-volume connections. This robust design prevents capillary slippage and ensures stable operation under high pressure — up to 1000 bar.

Why MyMap from Dr. Maisch? - Premium Sub-2 µm C18 Materials

MyMap columns are packed with high-performance, sub-2 µm C18 materials to ensure ultrahigh efficiency and stable MS performance.

Available Media:

- ReproSil-Pur 120 C18-AQ, 1.9 µm
  - Strong Retention of Hydrophilic Peptides and Excellent Aqueous Stability.

- ReproSil Saphir 100 C18, 1.5 µm
  - Maximum Efficiency with Low MS Bleed for Highly Sensitive Analyses.

- Exsil Mono 100 C18, 1.35 – 1.7 µm
  - Monodisperse Silica Technology for Exceptional Batch-to-Batch Consistency.

These materials provide:

- High Plate Counts.
- Excellent Peak Capacity.

Reliable performance across complex peptide mixtures.

Table 1: Available Media.

Media Code	Description
6136973	Exsil Mono 100 C18, 1.35 µm
5136782	Exsil Mono 100 C18, 1.5 µm
6136847	Exsil Mono 100 C18, 1.7 µm
ra115.9e	ReproSil Saphir 100 C18, 1.5 µm
r119.aq	ReproSil-Pur 120 C18-AQ, 1.9 µm

WHY MYMAP IN A THERMO SCIENTIFIC® MS SYSTEM?

Seamless Integration into Thermo Workflows

MyMap columns are fully compatible with:

- Nanospray Flex™ Ion Source
- Easy-Spray™ Ion Source

As fritted capillary columns without integrated emitters, they require a separate emitter while maintaining straightforward integration into established nano-LC–MS systems.

Figure 1: Connection of the MyMap to a Nanospray Flex™ Ion Source.

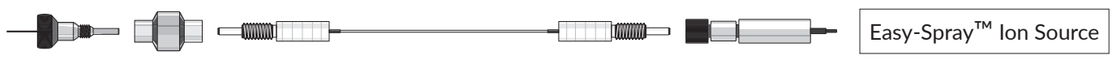


Figure 2: Connection of the MyMap to an Easy-Spray™ Ion Source.

ALTERNATIVE TO ACCLAIM™ PEPMAP™ CAPILLARY COLUMNS FROM THERMO FISHER SCIENTIFIC®

Table 2: Capillary Columns from Thermo Fisher Scientific and Dr. Maisch.

Thermo Fisher Scientific		Dr. Maisch			
Part Number (PN)	Description	Part Number (PN)	Description	Length [mm]	ID [µm]
164534	Thermo Scientific™ Acclaim™ PepMap™ 100 C18 LC Column, 150 mm × 75 µm, 2 µm, Analytical	r119.aq.mm150.075.01	MyMap, ReproSil-Pur 120 C18-AQ, 1.9 µm, 150 mm x 75 µm	150	75
164568	Thermo Scientific™ Acclaim™ PepMap™ 100 C18 LC Column, 150 mm × 75 µm, 3 µm, Analytical	r13.aq.mm150.075.01	MyMap, ReproSil-Pur 120 C18-AQ, 3 µm, 150 mm x 75 µm	150	75
164569	Thermo Scientific™ Acclaim™ PepMap™ 100 C18 LC Column, 250 mm × 75 µm, 3 µm, Analytical	r13.aq.mm250.075.01	MyMap, ReproSil-Pur 120 C18-AQ, 3 µm, 250 mm x 75 µm	250	75
164570	Thermo Scientific™ Acclaim™ PepMap™ 100 C18 LC Column, 500 mm × 75 µm, 3 µm, Analytical	r13.aq.mm500.075.01	MyMap, ReproSil-Pur 120 C18-AQ, 3 µm, 500 mm x 75 µm	500	75
164940	Thermo Scientific™ Acclaim™ PepMap™ 100 C18 LC Column, 150 mm × 75 µm, 2 µm, Analytical	r119.aq.mm150.075.01	MyMap, ReproSil-Pur 120 C18-AQ, 1.9 µm, 150 mm x 75 µm	150	75
164941	Thermo Scientific™ Acclaim™ PepMap™ 100 C18 LC Column, 250 mm × 75 µm, 2 µm, Analytical	r119.aq.mm250.075.01	MyMap, ReproSil-Pur 120 C18-AQ, 1.9 µm, 250 mm x 75 µm	250	75
164942	Thermo Scientific™ Acclaim™ PepMap™ 100 C18 LC Column, 500 mm × 75 µm, 2 µm, Analytical	r119.aq.mm500.075.01	MyMap, ReproSil-Pur 120 C18-AQ, 1.9 µm, 500 mm x 75 µm	500	75
164943	Thermo Scientific™ Acclaim™ PepMap™ 100 C18 LC Column, 150 mm × 50 µm, 2 µm, Analytical	r119.aq.mm150.050.01	MyMap, ReproSil-Pur 120 C18-AQ, 1.9 µm, 150 mm x 50 µm	150	50
164944	Thermo Scientific™ Acclaim™ PepMap™ 100 C18 LC Column, 250 mm × 50 µm, 2 µm, Analytical	r119.aq.mm250.050.01	MyMap, ReproSil-Pur 120 C18-AQ, 1.9 µm, 250 mm x 50 µm	250	50
164945	Thermo Scientific™ Acclaim™ PepMap™ 100 C18 LC Column, 500 mm × 50 µm, 2 µm, Analytical	r119.aq.mm500.050.01	MyMap, ReproSil-Pur 120 C18-AQ, 1.9 µm, 500 mm x 50 µm	500	50

www.dr-maisch.com

Table 3: Ordering Information for MyMap, 75 µm ID packed with ReproSil Saphir 100 C18, 1.5 µm.

Part Number (PN)	Description	Length [mm]	ID [µm]	Quantity
ra115.9e.mm050.075.01	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 50 mm x 75 µm	50	75	1
ra115.9e.mm050.075.04	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 50 mm x 75 µm	50	75	4
ra115.9e.mm050.075.10	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 50 mm x 75 µm	50	75	10
ra115.9e.mm150.075.01	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 150 mm x 75 µm	150	75	1
ra115.9e.mm150.075.04	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 150 mm x 75 µm	150	75	4
ra115.9e.mm150.075.10	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 150 mm x 75 µm	150	75	10
ra115.9e.mm250.075.01	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 250 mm x 75 µm	250	75	1
ra115.9e.mm250.075.04	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 250 mm x 75 µm	250	75	4
ra115.9e.mm250.075.10	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 250 mm x 75 µm	250	75	10

ORDERING INFORMATION

Table 4: Ordering Information for MyMap, 150 µm ID packed with ReproSil Saphir 100 C18, 1.5 µm.

Part Number (PN)	Description	Length [mm]	ID [µm]	Quantity
ra115.9e.mm050.150.01	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 50 mm x 150 µm	50	150	1
ra115.9e.mm050.150.04	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 50 mm x 150 µm	50	150	4
ra115.9e.mm050.150.10	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 50 mm x 150 µm	50	150	10
ra115.9e.mm150.150.01	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 150 mm x 150 µm	150	150	1
ra115.9e.mm150.150.04	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 150 mm x 150 µm	150	150	4
ra115.9e.mm150.150.10	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 150 mm x 150 µm	150	150	10
ra115.9e.mm250.150.01	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 250 mm x 150 µm	250	150	1
ra115.9e.mm250.150.04	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 250 mm x 150 µm	250	150	4
ra115.9e.mm250.150.10	MyMap, ReproSil Saphir 100 C18, 1.5 µm, 250 mm x 150 µm	250	150	10

Other dimensions available on request.

Table 5: Alternative Media.

Media Code	Description
6136973	Exsil Mono 100 C18, 1.35 µm
5136782	Exsil Mono 100 C18, 1.5 µm
6136847	Exsil Mono 100 C18, 1.7 µm
ra115.9e	ReproSil Saphir 100 C18, 1.5 µm
r119.aq	ReproSil-Pur 120 C18-AQ, 1.9 µm

Dr. Maisch

Any Column, Any Size, Any Media

Distributor:

Dr. Maisch HPLC GmbH
Beim Brückle 14
D-72119 Ammerbuch
T: +49 (0) 7073 50357
F: +49 (0) 7073 4216
www.dr-maisch.com
www.modcol.com
info@dr-maisch.com

PDF brochure
for download