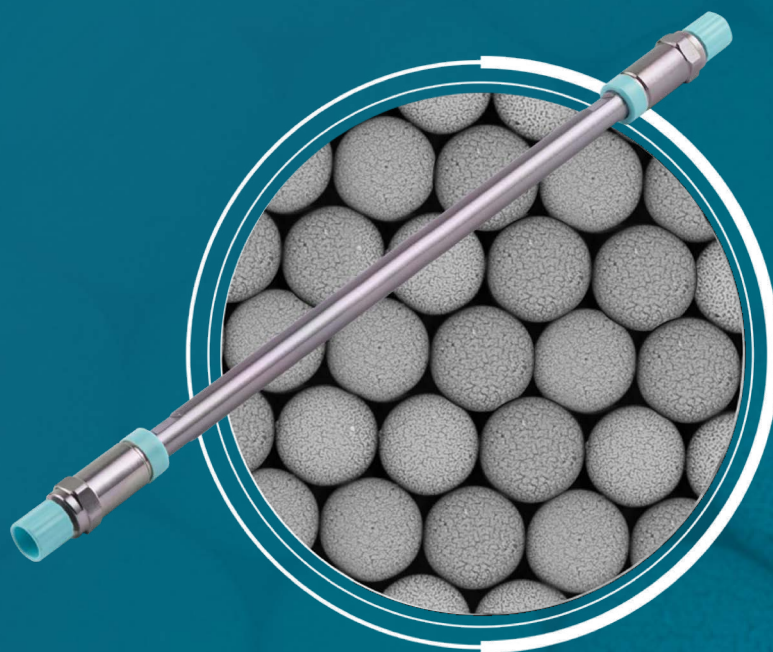




HPLC columns

SurePac Oligo RP MDi HPLC Columns

High-resolution, inert LC columns for oligonucleotide analysis

Overview

For scientists developing, characterizing, and monitoring therapeutic oligonucleotides and nucleic acids across R&D and QC environments, the Thermo Scientific™ SurePac™ Oligo RP MDi™ Column delivers reliable chromatographic performance engineered for today's complex analytical demands—and tomorrow's scalability requirements.

SurePac Oligo RP MDi columns combine inert hardware with monodisperse, supermacroporous polymeric packing designed to support nucleic acid separations over a wide size range with sustained durability and scalable performance.

Key benefits

High-resolution separation

Reliably resolve truncation impurities while maintaining resolving power for longer sequences and intact nucleic acids.

Nucleic acid integrity protection

Inert hardware and polymeric packing help preserve intact oligonucleotides and support robust LC-MS and LC-UV workflows.

Stability under demanding conditions

Maintain stable quantitative performance even under elevated pH and temperature conditions.

Key benefits (continued)

Reproducible performance

Achieve consistent peak shape, stable recovery, and minimal carryover.

Scalable from capillary to analytical to semi-preparative

Support scalability from analytical LC-MS and LC-UV methods to semi-preparative applications across molecule sizes.

Technical highlights

- Monodisperse, supermacroporous polymeric packing
- High-efficiency resolution of small oligonucleotides
- Pore accessibility for large polynucleotides and intact nucleic acids
- Sustained durability under high-pH conditions
- Inert column hardware to minimize unwanted interactions

Available formats

Part No.	Product description	Particle size	Column dimensions
43712-022132	SurePac Oligo RP MDi HPLC column	2.5 µm	2.1 x 20 mm
43712-052132	SurePac Oligo RP MDi HPLC column	2.5 µm	2.1 x 50 mm
43712-102132	SurePac Oligo RP MDi HPLC column	2.5 µm	2.1 x 100 mm
43712-050332	SurePac Oligo RP MDi HPLC column	2.5 µm	0.3 x 50 mm
43712-0510032	SurePac Oligo RP MDi HPLC column	2.5 µm	10 x 50 mm
43712-0521232	SurePac Oligo RP MDi HPLC column	2.5 µm	21.2 x 50 mm

Take the next step

Prepare your oligonucleotide separations for the future with polymeric durability, pore accessibility, and scalable performance.

 Learn more at thermofisher.com/mdi

General Laboratory Equipment – Not For Diagnostic Procedures. Thermo Scientific™ general lab equipment, consumables, and software are not intended for *in vitro* diagnostic purposes in accordance with our product documentation, manuals, and labels. They are designated for General Laboratory Use Only. Not for use in diagnostic procedures. These products have not been tested or validated for such applications, and their use for *in vitro* diagnostic purposes may result in inaccurate results and, more seriously, health and safety risks. They are designated (designed, intended) for research, academic and industrial purposes.

© 2026 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific and its subsidiaries unless otherwise specified. This information is presented as an example of the capabilities of Thermo Fisher Scientific products. It is not intended to encourage the use of these products in any manner that might infringe the intellectual property rights of others. Specifications, terms, and pricing are subject to change. Not all products are available in all countries. Please consult your local sales representative for details. **FL004494 0726**