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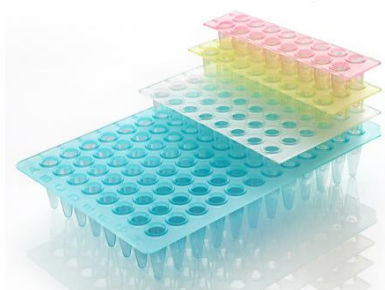
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PCR Tubes & Tube Strips: Choice of Formats for Low to Medium Throughput Applications

Non-Skirted PCR Plate Segment



Non-Skirted PCR Plate Segments | Group

Standard profile, 0.2ml wells, polypropylene, cut corner H12, working volume: <200µl, total well capacity: 300µl; 96 Well Non-Skirted PCR Plate divided into 8 well, 16 well, 24 well, 32 well or 48 well segments

Overview

These segments are produced by dividing our 96 Well Non-Skirted PCR Plate into smaller segments, a versatile solution for when a whole PCR plate may not be needed.

All of our PCR plates are molded from virgin polypropylene under ISO certified cleanroom conditions in our UK-based production facility, and as such comply with the same stringent requirements as our FrameStar® range.

Key Features

- Quality
- Wells
- Frame
- Use
- Options

Specifications

Parameter	96 Well Non-Skirted PCR Plate
Plate length	120.00 ± 0.25mm
Plate width	80.00 ± 0.25mm
Plate height	20.20 ± 0.10mm
Well depth	20.20 ± 0.10mm
Well diameter	5.46 ± 0.10mm
Total well capacity	0.3ml (300µl)
Working volume	<0.2ml (200µl)
Distance to center of A1 from top edge	8.75 ± 0.25mm
Distance to center of A1 from left edge	10.75 ± 0.25mm
Pitch (distance between A1 and A2)	9.00mm

Compatibility

- **ABI®/LIFE TECHNOLOGIES/THERMO FISHER SCIENTIFIC**
- **AGILENT/STRATAGENE**
- **ANALYTIK JENA/BIOMETRA**
- **BIOER TECHNOLOGIES**
- **BIO-RAD**
- **BIO-RAD MJ RESEARCH**
- **CORBETT RESEARCH**
- **EPPENDORF**
- **PEQLAB/VWR**
- **SENSOQUEST**
- **TAKARA**
- **TECHNE**

For recommended plate options depending on manufacturer, block type, and instrument please refer to the Azenta Life Sciences Plate Instrument Compatibility Table.

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
Non-Skirted PCR Plate Segments Standard profile, 0.2ml wells, polypropylene, cut corner H12, working volume: <200µl, total well capacity: 300µl; 96 Well Non-Skirted PCR Plate divided into 8 well, 16 well, 24 well, 32 well or 48 well segments	
4ti-0750/8	clear, 1 x 8 wells; 600 segments
4ti-0750/8/B	blue, 1 x 8 wells; 600 segments
4ti-0750/8/G	green, 1 x 8 wells; 600 segments
4ti-0750/8/P	purple, 1 x 8 wells; 600 segments
4ti-0750/8/R	red, 1 x 8 wells; 600 segments
4ti-0750/8/Y	yellow, 1 x 8 wells; 600 segments
4ti-0750/16	clear, 2 x 8 wells; 300 segments
4ti-0750/16/B	blue, 2 x 8 wells; 300 segments
4ti-0750/16/G	green, 2 x 8 wells; 300 segments
4ti-0750/16/P	purple, 2 x 8 wells; 300 segments
4ti-0750/16/R	red, 2 x 8 wells; 300 segments
4ti-0750/16/Y	yellow, 2 x 8 wells; 300 segments
4ti-0750/24	clear, 3 x 8 wells; 200 segments
4ti-0750/24/B	blue, 3 x 8 wells; 200 segments

4ti-0750/24/G	green, 3 x 8 wells; 200 segments
4ti-0750/24/P	purple, 3 x 8 wells; 200 segments
4ti-0750/24/R	red, 3 x 8 wells; 200 segments
4ti-0750/24/Y	yellow, 3 x 8 wells; 200 segments
4ti-0750/32	clear, 4 x 8 wells; 150 segments
4ti-0750/32/B	blue, 4 x 8 wells; 150 segments
4ti-0750/32/G	green, 4 x 8 wells; 150 segments
4ti-0750/32/P	purple, 4 x 8 wells; 150 segments
4ti-0750/32/R	red, 4 x 8 wells; 150 segments
4ti-0750/32/Y	yellow, 4 x 8 wells; 150 segments
4ti-0750/48	clear, 6 x 8 wells; 100 segments
4ti-0750/48/B	blue, 6 x 8 wells; 100 segments
4ti-0750/48/G	green, 6 x 8 wells; 100 segments
4ti-0750/48/P	purple, 6 x 8 wells; 100 segments
4ti-0750/48/R	red, 6 x 8 wells; 100 segments
4ti-0750/48/Y	yellow, 6 x 8 wells; 100 segments

8 Well PCR Tube Strip with PC Frame



8 Well PCR Tube Strip with PC Frame | Group

Standard profile, 0.2ml polypropylene wells, polycarbonate frame, working volume: <200µl, total well capacity: 300µl; available with either strips of domed or flat optical caps

Overview

Azenta Life Sciences 8 Well PCR Tube Strips with PC Frame are a 2-component design, combining the advantages of thin-walled tubes for optimum PCR results and a rigid frame portion for easy and reliable handling.

Key Features

- Quality
- Tubes
- Frame
- Use
- Options

Specifications

Parameter	8 Well PCR Tube Strip with PC Frame
Strip length	83.22 ± 0.25mm
Strip width	9.00 ± 0.25mm
Strip height	20.80 ± 0.25mm
Well depth	20.30 ± 0.15mm
Well diameter	5.46 ± 0.10mm
Total well capacity	0.3ml (300µl)
Working volume	<0.2ml (200µl)

Pitch (distance between A1 and A2)	9.00mm
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Compatibility

- **ABI®/LIFE TECHNOLOGIES/THERMO FISHER SCIENTIFIC**
- **AGILENT/STRATAGENE**
- **ANALYTIK JENA/BIOMETRA**
- **BIOER TECHNOLOGIES**
- **BIO-RAD**
- **BIO-RAD MJ RESEARCH**
- **CORBETT RESEARCH**
- **EPPENDORF**
- **PEQLAB/VWR**
- **SENSOQUEST**
- **TAKARA**
- **TECHNE**

For recommended strip options depending on manufacturer, block type, and instrument please refer to the Azenta Life Sciences Plate Instrument Compatibility Table.

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
8 Well PCR Tube Strip with PC Frame Standard profile, 0.2ml polypropylene wells, polycarbonate frame, working volume: <200µl, total well capacity: 300µl	
4ti-0785/P	clear wells, purple frame, with strips of domed caps; 120 tube strips + 120 cap strips
4ti-0785/B	clear wells, blue frame, with strips of domed caps; 120 tube strips + 120 cap strips
4ti-0785/G	clear wells, green frame, with strips of domed caps; 120 tube strips + 120 cap strips
4ti-0785/R	clear wells, red frame, with strips of domed caps; 120 tube strips + 120 cap strips
4ti-0785/X	clear wells, black frame, with strips of domed caps; 120 tube strips + 120 cap strips
4ti-0785/M	clear wells, mixed frame colors, with strips of domed caps; 120 tube strips + 120 cap strips
4ti-0785/XW	white wells, black frame (for qPCR), with strips of domed caps; 120 tube strips + 120 cap strips
4ti-0785/W/2D	clear wells, white frame, 2D coded, with strips of domed caps; 120 tube strips + 120 cap strips

4ti-0785/X/2D	clear wells, black frame, 2D coded, with strips of domed caps; 120 tube strips + 120 cap strips
4ti-0786/P BUY ONLINE*	clear wells, purple frame, with strips of flat optical caps; 120 tube strips + 120 cap strips
4ti-0786/B	clear wells, blue frame, with strips of flat optical caps; 120 tube strips + 120 cap strips
4ti-0786/G	clear wells, green frame, with strips of flat optical caps; 120 tube strips + 120 cap strips
4ti-0786/R BUY ONLINE*	clear wells, red frame, with strips of flat optical caps; 120 tube strips + 120 cap strips
4ti-0786/X	clear wells, black frame, with strips of flat optical caps; 120 tube strips + 120 cap strips
4ti-0786/M	clear wells, mixed frame colors, with strips of flat optical caps; 120 tube strips + 120 cap strips
4ti-0786/XW	white wells, black frame (for qPCR), with strips of flat optical caps; 120 tube strips + 120 cap strips
4ti-0786/W/2D	clear wells, white frame, 2D coded, with strips of flat optical caps; 120 tube strips + 120 cap strips
4ti-0786/X/2D	clear wells, black frame, 2D coded, with strips of flat optical caps; 120 tube strips + 120 cap strips

**Online availability to US only*

Removable 8 Well PCR Tube Strip



4ti-0753 | Removable 8 Well PCR Tube Strip

Low profile, 0.1 ml polypropylene wells, working volume: <100 µl, total well capacity: 200 µl; can be used as a standalone product or inserted in any of the frames of PCR Plates for Removable 8 Well Tube Strips available for ease of handling

Overview

These low profile PCR tube strips are molded from virgin polypropylene under cleanroom conditions. They are available in either clear polypropylene for standard PCR techniques, or in white

polypropylene for use in fluorescent detection applications like qPCR, as they give the highest sensitivity and consistency as all the fluorescence signal is reflected back to the detector.

Key Features

- **Quality**
- **Tubes**
- **Use**
- **Options**

Specifications

Parameter	Removable 8 Well PCR Tube Strip
Strip length	82.00 ± 0.10mm
Strip width	8.20mm
Strip height	15.60mm
Well depth	14.20mm
Well diameter	5.50 ± 0.10mm
Total well capacity	0.2ml (200µl)
Working volume	<0.1ml (100µl)
Pitch (distance between A1 and A2)	9.00mm

Compatibility

- **ABI®/LIFE TECHNOLOGIES/THERMO FISHER SCIENTIFIC**
- **AGILENT/STRATAGENE**
- **ANALYTIK JENA/BIOMETRA**
- **BIO-RAD**
- **BIO-RAD MJ RESEARCH**
- **EPPENDORF**
- **GE HEALTHCARE/AMERSHAM**
- **PEQLAB/VWR**
- **ROCHE**
- **SENSOQUEST**
- **TECHNE**

For recommended strip options depending on manufacturer, block type, and instrument please refer to the Azenta Life Sciences Plate Instrument Compatibility Table.

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
Removable 8 Well PCR Tube Strip Low profile, 0.1ml polypropylene wells, working volume: <100µl, total well capacity: 200µl; can be used as a standalone product or inserted in any of the frames of PCR Plates for Removable 8 Well Tube Strips available for ease of handling	
4ti-0753	white; 120 tube strips
4ti-0753/C	clear; 120 tube strips
Combi packs	
4ti-0754	4ti-0753 + strips of 8 flat optical caps; 120 tube strips + 120 cap strips
4ti-0754/C	4ti-0753/C + strips of 8 flat optical caps; 120 tube strips + 120 cap strips

8 Well PCR Tube Strip



4ti-0781 | 8 Well PCR Tube Strip

Standard profile, 0.2ml wells, clear polypropylene, working volume: <200µl, total well capacity: 300µl; suitable for all standard 0.2ml block thermal cyclers

Overview

These PCR tubes are molded from virgin polypropylene in our UK-based Class 7 ISO certified cleanroom production facility, and comply to the same stringent requirements as our [FrameStar®](#) range. They are recommended for low to medium throughput applications.

Key Features

- Quality
- Tubes
- Use
- Options

Compatibility

- ABI®/LIFE TECHNOLOGIES/THERMO FISHER SCIENTIFIC
- AGILENT/STRATAGENE
- ANALYTIK JENA/BIOMETRA
- BIOER TECHNOLOGIES
- BIO-RAD
- BIO-RAD MJ RESEARCH
- CORBETT RESEARCH
- EPPENDORF
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- SENSOQUEST
- TAKARA
- TECHNE

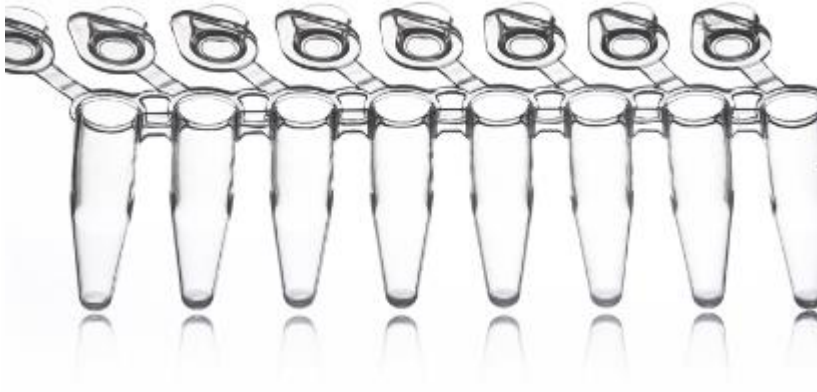
For recommended strip options depending on manufacturer, block type, and instrument please refer to the Azenta Life Sciences Plate Instrument Compatibility Table.

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
8 Well PCR Tube Strip Standard profile, 0.2ml wells, clear polypropylene, working volume: <200µl, total well capacity: 300µl; suitable for all standard 0.2ml block thermal cyclers	
4ti-0781	clear wells, without caps; 125 tube strips
Combi packs	
4ti-0780	4ti-0781 + strips of domed caps; 125 tube strips + 125 cap strips
4ti-0784	4ti-0781 + strips of flat optical caps; 125 tube strips + 125 cap strips

8 Well PCR Tube Strip, With Attached Caps



4ti-0792 | 8 Well PCR Tube Strip, With Attached Caps | Front

Low profile 0.1ml wells (working volume: <100µl, total well capacity: 200µl), clear polypropylene, with attached flat optically clear caps; and standard 0.2ml wells (working volume: <200µl, total well capacity: 300µl), clear polypropylene, with attached domed or flat optically clear caps

Overview

These PCR tubes with attached caps are molded from virgin polypropylene, comply to the same stringent requirements as our FrameStar® range and are free from RNase, DNase, and human genomic DNA. They are recommended for low to medium throughput applications.

Key Features

- **Quality**
- **Tubes**
- **Use**
- **Options**

Compatibility

4ti-0792

- **ABI®/LIFE TECHNOLOGIES/THERMO FISHER SCIENTIFIC**
- **ANALYTIK JENA/BIOMETRA**
- **BIOER TECHNOLOGIES**
- **BIO-RAD**
- **BIO-RAD MJ RESEARCH**
- **CORBETT RESEARCH**
- **EPPENDORF**
- **PEQLAB/VWR**
- **SENSOQUEST**
- **TAKARA**
- **TECHNE**

4ti-0793

- **ABI®/LIFE TECHNOLOGIES/THERMO FISHER SCIENTIFIC**

- AGILENT/STRATAGENE
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- BIO-RAD
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- EPPENDORF
- PEQLAB/VWR
- SENSOQUEST
- TECHNE

4ti-0794

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- SENSOQUEST
- TAKARA
- TECHNE

For recommended strip options depending on manufacturer, block type, and instrument please refer to the Azenta Life Sciences Plate Instrument Compatibility Table.

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
8 Well PCR Tube Strips, With Attached Caps Low profile 0.1ml wells (working volume: <100µl, total well capacity: 200µl), clear polypropylene, with attached flat optically clear caps; and standard 0.2ml wells (working volume: <200µl, total well capacity: 300µl), clear polypropylene, with attached domed or flat optically clear caps	
4ti-0792	0.2ml wells, with flat optical caps; 120 tube strips
4ti-0793	0.1ml wells, with flat optical caps; 120 tube strips
4ti-0794	0.2ml wells, with domed caps; 120 tube strips

4 Well PCR Tube Strip, Rotor-Gene® Style, With Caps



4ti-0796 | 4 Well PCR Tube Strip, Rotor-Gene Style, With Caps

0.1ml wells, clear polypropylene, with strips of 4 caps, working volume: <100µl, total well capacity: 200µl; designed for Qiagen/Corbett Rotor-Gene instruments

Overview

Azenta Life Sciences offers a range of PCR consumables for low to medium throughput applications. These PCR tubes and caps are molded from virgin polypropylene to prevent any PCR background signal. They are especially suited for use with Qiagen/Corbett Rotor-Gene instruments.

Key Features

- **Quality**
 - Free from RNase, DNase, Human Genomic DNA, and PCR inhibitors
- **Tubes**
 - Optically clear tubes ideally suited for qPCR
 - Low profile 0.1ml (100µl) working volume, 0.2ml (200µl) total well capacity
 - Ultra-smooth, uniform, thin-walled polypropylene tubes for optimum PCR and real-time (RT-qPCR) results
- **Caps**
 - Frosted cap extensions allow for easy handling and labeling
- **Use**
 - Designed for Qiagen/Corbett Rotor-Gene instruments
 - Tube and cap strips can be separated for individual use
 - Pack of 250 strips of tubes and caps sufficient for 1,000 reactions

Compatibility

- **CORBETT RESEARCH**
 - **Thermal Cyclers (strips only):** Rotor-Gene series

For recommended strip options depending on manufacturer, block type, and instrument please refer to the Azenta Life Sciences Plate Instrument Compatibility Table.

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
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4 Well PCR Tube Strips, Rotor-Gene Style, With Caps

0.1ml wells, clear polypropylene, with strips of 4 caps, working volume: <100µl, total well capacity: 200µl; designed for Qiagen/Corbett Rotor-Gene instruments

4ti-0796

clear; 250 tube strips + cap strips

Individual PCR Tube, with Attached Caps



4ti-0790 | Individual PCR Tube, with Attached Flat Cap

Standard profile, 0.2ml wells, polypropylene, working volume: <200µl, total well capacity: 300µl; with either flat or domed attached caps; also available with unique 2D coded flat caps

Overview

These PCR tubes are moulded from virgin polypropylene in our UK-based Class 7 ISO certified cleanroom production facility, and comply to the same stringent requirements as our FrameStar® range. They are recommended for low to medium throughput applications.

Our individual tubes with flat caps are also available with a unique 2D code applied to the top of each tube. This allows for clear labeling of tubes, despite the limited space available. Printed 2D codes allow for easy sample tracking and are more reliable than the use of adhesive stickers. Our compact hand held barcode scanner, 4ti-4060, delivers the speed typical of laser scanners on any barcode, including both 1D and 2D codes.

Key Features

- **Quality**
 - Leak tested
 - Free from DNase, RNase, human genomic DNA, and endotoxin/pyrogen
- **Tubes**
 - 0.2ml (200µl) working volume, 0.3ml (300µl) total well capacity
 - Snap-shut cap design
- **Use**
 - Suitable for all standard 0.2 ml block thermal cyclers
- **Options**
 - Flat and domed cap designs
 - Our individual tubes with flat caps (4ti-0790) are also available with unique 2D code applied to the top of each tube (use product code 4ti-0790/2D when ordering); the barcode is suitable for low temperature storage and high temperature thermal cycling
 - Our hand held barcode scanner, 4ti-4060 together with the user-friendly software allows for reliable and convenient sample management

Compatibility

Compatible with all standard thermal cyclers. Please contact and expert for further information.

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
Individual PCR Tube, with Attached Caps Standard profile, 0.2ml wells, polypropylene, working volume: <200µl, total well capacity: 300µl; with either flat or domed attached caps; also available with unique 2D coded flat caps	
4ti-0790	with flat optical cap; 1,000 tubes
4ti-0790/2D	with flat 2D coded cap; 960 tubes
4ti-0795	with domed cap; 1,000 tubes

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