

96 Well Non-Skirted PCR Plate

High profile, 0.2 ml wells, polypropylene, cut corner H12, working volume: <200 µl, total well capacity: 300 µl; universal non-skirted plate, designed for use on standard thermal cyclers

- 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

- Subject to a strict QC procedure which includes a visual check and leak testing of every tube
- Free from DNase, RNase, human genomic DNA, and endotoxin/pyrogen

Wells

- Ultra-smooth, uniform, thin-walled polypropylene tubes for optimum PCR and real-time (RT-qPCR) results
- 0.2 ml (200 µl) working volume, with a 0.3 ml (300 µl) total well capacity when used with sealing options
- Maximum thermal conductivity for efficient heat transfer and precise thermal cycling
- Raised well rims prevent cross contamination and facilitate effective sealing for reduced evaporation

Frame

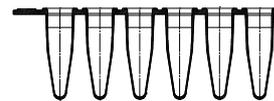
- Alphanumeric grid reference to aid well and sample identification

Use

- Compatible with universal standard block thermal cyclers and sequencers
- Compatible with standard multichannel pipettes

Specifications

Parameter	Value
Plate length	120.00 ± 0.25 mm
Plate width	80.00 ± 0.25 mm
Plate height	20.20 ± 0.10 mm
Well depth	20.20 ± 0.10 mm
Well diameter	5.46 ± 0.10 mm
Distance to center of A1 from top edge	8.75 ± 0.25 mm
Distance to center of A1 from left edge	10.75 ± 0.25 mm
Pitch (distance between A1 and A2)	9.00 mm



Options

- Available with the following color options: clear, blue, red, green, yellow, purple, and white
- Super clear well version maximizes sample visibility
- White plate ideal for qPCR, giving optimal signal-to-noise ratio for fluorescence-based assays

Ordering Information

4ti-0750	96 Well Non-Skirted PCR Plate, clear PP, high profile, cut corner H12, 50 plates per case
4ti-0750-25	96 Well Non-Skirted PCR Plate, clear PP, high profile, cut corner H12, 25 plates per case
4ti-0750/P	96 Well Non-Skirted PCR Plate, purple PP, high profile, cut corner H12, 50 plates per case
4ti-0750/B	96 Well Non-Skirted PCR Plate, blue PP, high profile, cut corner H12, 50 plates per case
4ti-0750/G	96 Well Non-Skirted PCR Plate, green PP, high profile, cut corner H12, 50 plates per case
4ti-0750/R	96 Well Non-Skirted PCR Plate, red PP, high profile, cut corner H12, 50 plates per case
4ti-0750/W	96 Well Non-Skirted PCR Plate, white PP, high profile, cut corner H12, 50 plates per case
4ti-0750/Y	96 Well Non-Skirted PCR Plate, yellow PP, high profile, cut corner H12, 50 plates per case

For recommended plate options depending on manufacturer, block type, and instrument please refer to the Azenta Plate Instrument Compatibility Table Page 187.