

Pkg of 50, white shell/clear well PCR plate, rigid 2-component design



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Description

Specifications

Description

Use these Hard-Shell Plates for reliable performance in all PCR and real-time PCR applications. The patented two-component design is specifically engineered to withstand the stresses of thermal cycling.

Additional benefits include:

- Superior stability and flatness allow precise positioning and robotic handling
- Sturdy plate design is ideal for heat sealing methods
- Warp-resistant feature provides durability during automation, high-speed centrifugation, and storage (even at -80°C)
- User-readable bar code options for convenient sample tracking in high-throughput settings
- Black alphanumeric labeling for easy well identification
- Footprint and well spacing designed to match ANSI/SBS standard dimensions
- Composition helps prevent DNA binding
- Polypropylene resin allows superior well-to-well uniformity for reliable and reproducible real-time qPCR results

- Sterile, certified to be free of DNase, RNase, and human
- genomic DNA Maximum volume is up to 200 µl

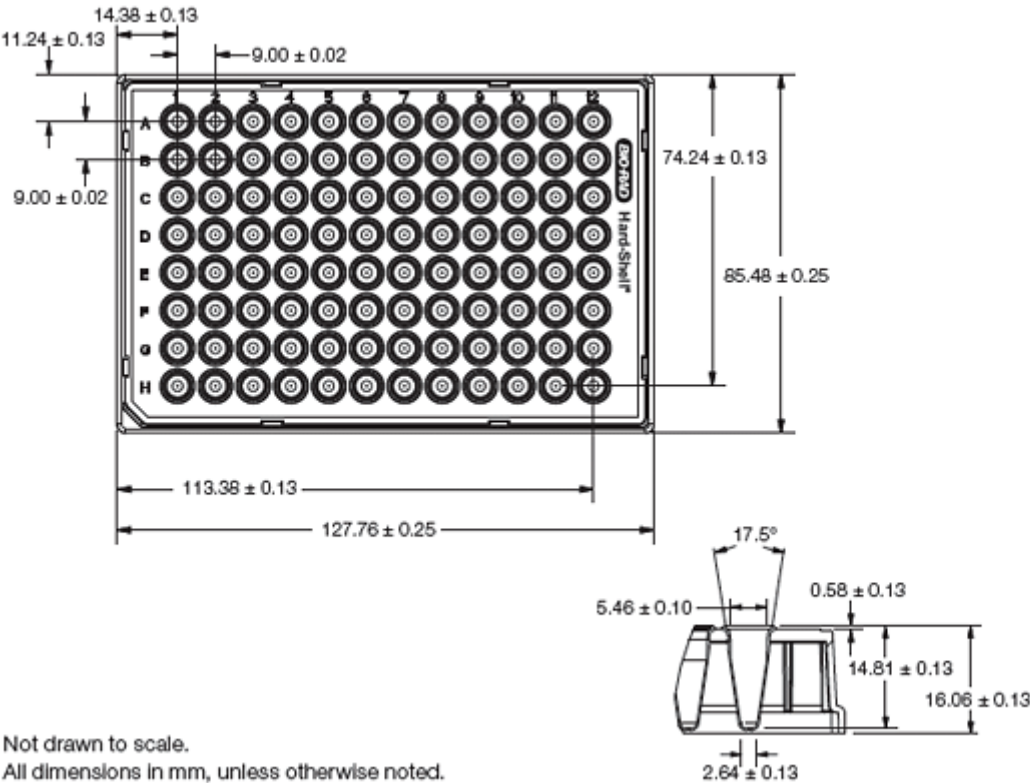
Packaging Options

Package Size	Catalog Number
50	HSP9601
400 (8 x 50)	HSP9601B

Available Formats

Color-coded shell options with clear wells — available in red (HSP-9611), yellow (HSP-9621), blue (HSP-9631), green (HSP-9641), and black (HSP-9661) shells

Plate Dimensions



Microplate Dimensions	Hard-Shell® Low-Profile 96-Well Skirted PCR Plates (HSP-9xxx)
Length at base plane	127.76 mm
Width at base plane	85.48 mm
Height overall	16.06 mm

Well depth	14.81 mm
Well diameter at opening	5.46 mm
Well diameter at bottom of conical section	2.64 mm
Well volume	200 µl
Well spacing	9.00 mm
Well angle	17.5°
Well offset	
Left edge to well A1	14.38 mm
Top edge to well A1	11.24 mm
Left edge to H12	113.38 mm
Top edge to H12	74.24 mm

Additional Plate Formats Available

- White-well option for increased fluorescent signal strength — available in [white \(HSP-9655\)](#), [black \(HSP-9665\)](#), [blue \(HSP-9635\)](#), and [green \(HSP-9645\)](#) shells
- Low-cost, user-readable bar code option for convenient database tracking — available with [clear \(HSP-9901\)](#) or [white \(HSP-9955\)](#) wells
- [Black shell/black well option \(HSP-9666\)](#)

More Information

In addition to [Hard-Shell® low-profile thin-wall 96-well skirted PCR plates](#), Bio-Rad offers a [range of 96-well plates](#) and other [plastic consumables](#) to suit your PCR needs.

Specifications

Well/tube format	96-well
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Well/tube profile	Low
Skirt format	Full-skirted
Barcoded PCR plate	No
Compatible instruments, Bio-Rad	CFX96™, 1000-series, DNA Engine Opticon® series, Chromo4™, PTC-100®, DNA Engine® series
Compatible instruments, Eppendorf	Mastercycler series
Well/tube color	Clear

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