

“THE INTELLIGENT CHOICE FOR DISCOVERY”



PRODUCTS FOR PCR

MBP •

SECTION

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# PCR TUBES: A CRITICAL COMPONENT

One of the most critical and often overlooked components in PCR is the reaction tube itself. A poorly designed or contaminated PCR tube can literally ruin hours of research. There are many factors that go into the design and manufacture of a high-performance PCR tube: the grade and quality of plastic resin, the design of the seal between cap and tube, wall thickness consistency, post production QC methodology, and, of course, the control of the manufacturing and assembly environment.

MBP has applied 30 years of laboratory plastics manufacturing expertise to the production of a perfect-fitting, even-walled and immaculately clean PCR tube that will perform to your laboratory standards time and time again.

All of the tubes and plates that you will find in this section are made of the highest grades of virgin polypropylene, are thin-walled for optimum heat transfer, and will fit your thermocycler like a glove. All products are packaged Pure which means they are free of RNase, DNase, Nucleic acids, ATP, and Pyrogens. These products come with our 100% satisfaction guarantee, and once you try them you will never go back.

## REDUCE CONTAMINATION RISK



All sterile HLT branded tubes are certified "PURE". The lot testing protocols used in PURE certification are: DNA contamination, RNase and DNase Detection, Pyrogen Detection, Bioburden, PCR Inhibition, ATP Detection, and Sterility Verification. Our stringent manufacturing and QA/QC testing procedures assure you and your samples the most aseptic products on the market.

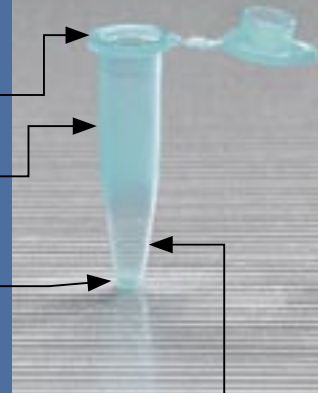
## PCR TUBES

1. Secure Seal Lip protects against evaporation

2. Thin-wall design for optimum heat transfer

3. Wall angle dimension for correct thermocycler contact

4. 100% virgin polypropylene for clarity

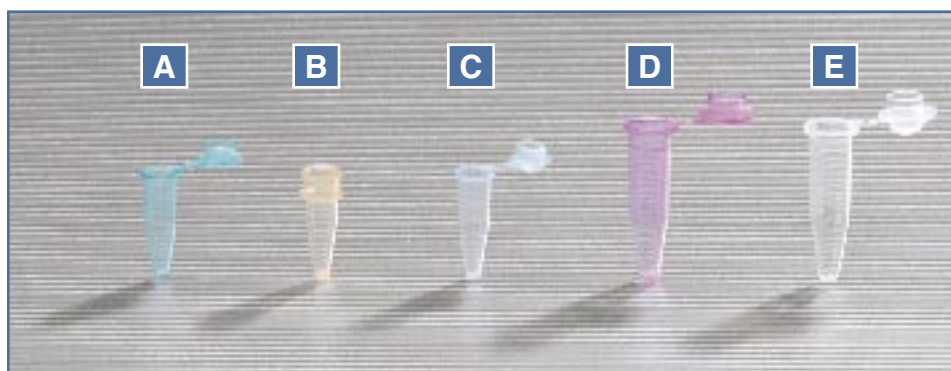


## DESIGNED TO PROTECT THE INTEGRITY OF YOUR PRODUCT

**purepak**



- Quality Guarantee
- 4ml Puncture Proof Bag
- ZipLock™ closure for easy resealing
- 10 Individually sealed bags of 100 tubes helps protect against cross contamination



## PCR TUBES

	Catalog Number	Volume	Description	Colors	Unit Packaging
<b>A</b>	<b>0.2ml Thin-wall PCR Tubes w/Frosted</b>				
	3412	0.2ml	Thin-wall PCR Tubes w/Flat Caps	Natural	10 bags of 100
	3412A	0.2ml	Thin-wall PCR Tubes w/Flat Caps	*Assorted	10 bags of 100
<b>B</b>	<b>0.2ml Thin-wall PCR Tubes w/Out Caps</b>				
	3413	0.2ml	Thin-wall Capless PCR Tubes	Natural	10 bags of 100
	3413A	0.2ml	Thin-wall Capless PCR Tubes	*Assorted	10 bags of 100
<b>C</b>	<b>0.2ml Thin-wall PCR Tubes w/Dome Caps</b>				
	3414	0.2ml	Thin-wall PCR Tubes w/Dome Caps	Natural	10 bags of 100
	3414A	0.2ml	Thin-wall PCR Tubes w/Dome Caps	*Assorted	10 bags of 100
<b>D</b>	<b>0.5ml Thin-wall PCR Tubes w/Frosted</b>				
	3430	0.5ml	Thin-wall PCR Tubes w/Flat Caps	Natural	10 bags of 100
	3430A	0.5ml	Thin-wall PCR Tubes w/Flat Caps	*Assorted	10 bags of 100
<b>E</b>	<b>0.5ml Thin-wall PCR Tubes w/Dome Caps</b>				
	3432	0.5ml	Thin-wall PCR Tubes w/Dome Caps	Natural	10 bags of 100
	3432A	0.5ml	Thin-wall PCR Tubes w/Dome Caps	*Assorted	10 bags of 100

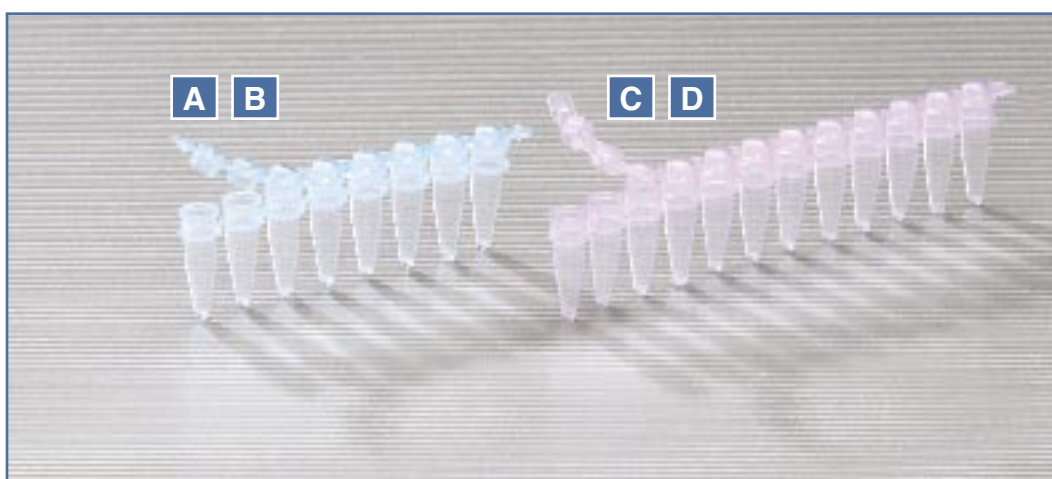
\* Colors: Specify desired color by adding the corresponding letter to the catalog number. Assorted colors are randomly chosen. B - Blue, G - Green, O - Orange, P - Purple, R - Red, Y - Yellow, A - Assorted. Example: 3414B= 0.2ml tubes all Blue.

## PCR STRIP TUBES



Strip Tubes offer a convenient and efficient method for setting up, transporting, storing and tracking your PCR samples. However, many strip tubes on the market today do not perform as well as they should. The main cause of strip tube failure is the interface between the tube and the strip cap.

MBP has overcome this common problem through the use of a proprietary manufacturing process used in the production of its hardened steel injection molding equipment. Our choices in steel design, component measuring and inspection, and the resin used in running these parts ensure that the caps will align and fit snugly in either direction every time. The consistent spacing of the tube and cap strips means that you will no longer struggle and strain to align the caps to the tubes. That frustrating process is one you will never encounter again once you try these strip tubes.



## PCR STRIP TUBES

Catalog Number	Volume	Description	Colors	Unit Packaging
<b>A</b>	<b>0.2ml Thin-wall PCR 8-Strip Tubes w/Dome Caps</b>			
3418	0.2ml	8 PCR Strip Tubes (Thin-Wall)	Natural	10 bags of 12 strips
3418A	0.2ml	8 PCR Strip Tubes (Thin-Wall)	*Assorted	10 bags of 12 strips
<b>B</b>	<b>0.2ml PCR Tube 8-Strip Caps</b>			
3418C	0.2ml	8 PCR Strip Dome Caps	Natural	10 bags of 12 strips
3418F	0.2ml	8 PCR Strip Flat Caps	Natural	10 bags of 12 strips
<b>C</b>	<b>0.2ml Thin-wall PCR 12-Strip Tubes w/Dome Caps</b>			
3417	0.2ml	12 PCR Strip Tubes (Thin-Wall)	Natural	10 bags of 8 strips
3417A	0.2ml	12 PCR Strip Tubes (Thin-Wall)	*Assorted	10 bags of 8 strips
<b>D</b>	<b>0.2ml PCR Tube 12-Strip Caps</b>			
3417C	0.2ml	12 PCR Strip Dome Caps	Natural	10 bags of 8 strips

\*Colors: Specify desired color by adding the corresponding letter to the catalog number. Assorted colors are randomly chosen. B - Blue, G - Green, O - Orange, P - Purple, R - Red, Y - Yellow, A - Assorted. Example: 3417B= 0.2ml tubes all Blue.

## PCR PLATES



Performance and versatility is what you have come to expect from MBP brands of plastic and you will find that our wide selection of plates for PCR is no exception. Molded under clean room conditions and 100% electrostatically tested for closure integrity, you can rest assured that these plates will fit snugly inside your thermocyclers and decks of your automated liquid handling systems.

- Alpha-Numeric Grid for sample tracking
- Exact hole placement for multi-channel pipetting
- Bar Coding Option
- Standard footprint for consistent fit
- Elevated rims for sturdy non-flexing performance
- Compatible with all major thermocyclers
- Available in seven colors
- White and Black plates for light sensitive applications
- Bar Coding available



## PCR PLATES

Catalog Number	Volume	Description	Colors	Unit Packaging
<b>A</b> 96-well PCR Plates - Skirted				
3482		96-well PCR Plate - Skirted non-sterile	*Natural	1 pack of 50
<b>B</b> 96-well PCR Plates - Semi-skirted				
3484		96-well PCR Plate Semi-skirted non-sterile	*Natural	1 pack of 50
<b>C</b> 0.2ml Thin-wall PCR Plates				
3415	0.2ml	24-well PCR Thin Wall Plate	Natural	25 Individually wrapped plates
3421	0.2ml	32-well PCR Thin Wall Plate	Natural	25 Individually wrapped plates
3419	0.2ml	48-well PCR Thin Wall Plate	Natural	25 Individually wrapped plates
3416	0.2ml	96-well PCR Thin Wall Plate	Natural	25 Individually wrapped plates
<b>D</b> PCR Sealing Methods				
3418C	0.2ml	8 PCR Strip Dome Caps	Natural	10 bags of 12 strips
3481	TAPE	Adhesive Plate Sealing Tape	Clear	100 sheets

\* Part numbers can be ordered in clear, black or white colors. Example 3482W = 96 Skirted Plate White

▶ Black and White Colored Plates Available for Light Sensitive Assays