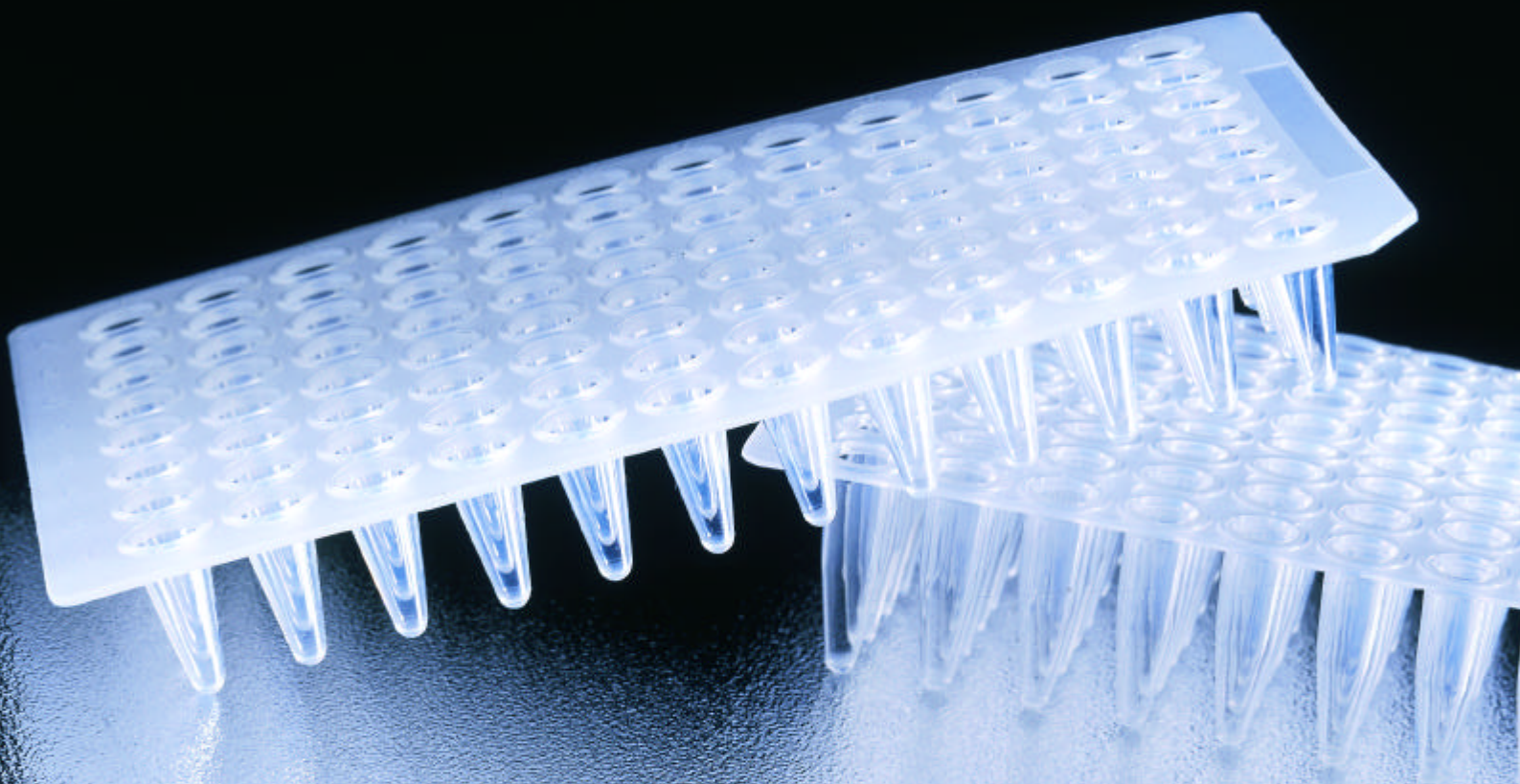


BD Biosciences www.bdbiosciences.com

- Biometric Imaging
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BD Precision, Quality, Reliability in PCR Labware Products



BD Falcon™ PCR Labware is manufactured in a Class 100,000 clean room and extensively tested to be free of biological contaminants, including DNase, RNase and Human Genomic DNA.

The precision engineering of BD's advanced thin-wall design delivers fast heat transfer for truly superior PCR reaction specificity and consistency.



8-Well Tube Strips



Individual Tubes in 0.2 ml or 0.5 ml Volumes

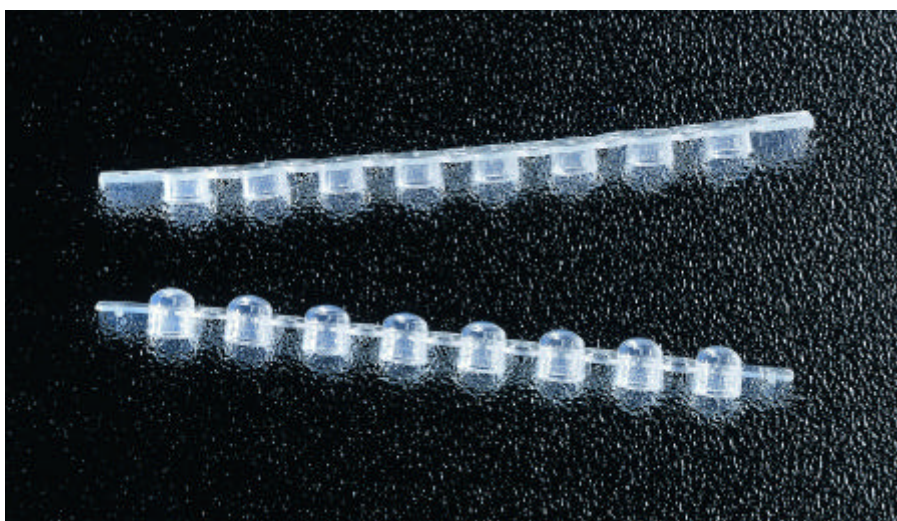
BD Falcon PCR Reaction Tubes

Single 0.5 mL and 0.2 mL Tubes

BD Falcon™ PCR Reaction Tubes with integral, close-fitting caps are optimized to provide unmatched temperature accuracy and uniformity for fast, oil-free PCR amplification. Thin-wall tube construction facilitates rapid heat transfer, ensuring the highest specificity and consistency from reaction to reaction. BD Falcon PCR Reaction tubes are compatible with most thermal cyclers. Tubes accommodating volumes of either 0.5 ml or 0.2 ml are available, with either standard domed caps or flat, frosted caps for easy marking. The 0.2 ml tubes are also available in our Low Profile format. This smaller vessel design helps prevent evaporation and sample loss during thermocycling.

8-Well Tube Strips and Caps

These specially engineered one-piece strips are composed of eight 0.2 ml BD Falcon PCR Reaction Tubes. The strip format makes handling multiple reactions fast, easy and convenient. Tube spacing is set to precisely fit standard well spacing in most thermal cyclers. High quality manufacturing offers the same thin-wall construction found in the individual tubes. Strips may be purchased without caps or with matching 8-unit cap strips, and are available in standard 0.2 ml or Low Profile 0.2 ml formats. The cap strips are available with either flat or domed caps.

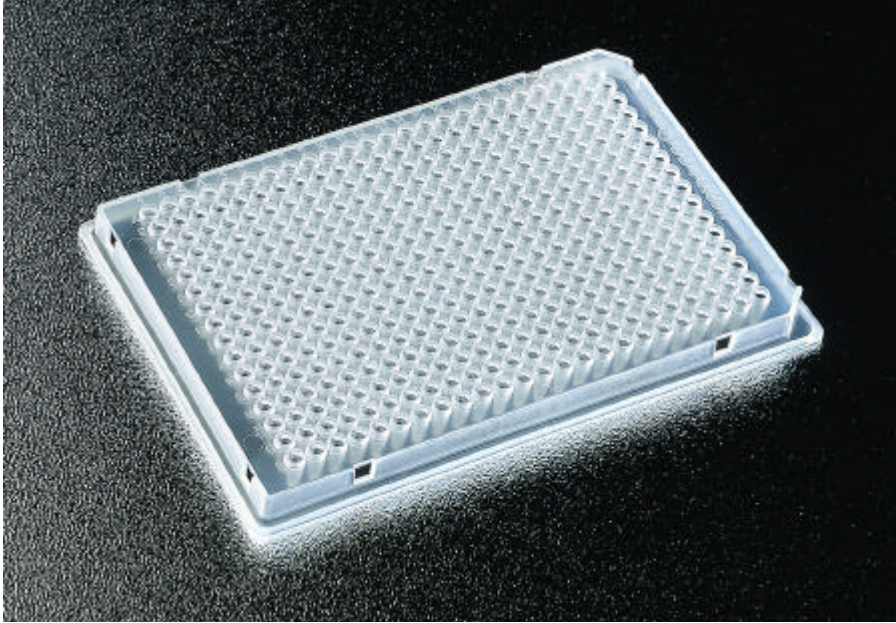


Domed or Flat Cap Strips

BD Falcon PCR Reaction Plates

Manufactured to the highest quality standards, BD Falcon PCR Reaction Plates are available in a variety of formats to accommodate your every high-throughput cycling need.

- The standard BD Falcon 96-well PCR Reaction Plate is a one-piece, injection-molded unit that provides optimum handling, convenience and compatibility with high-throughput thermocycling systems. Thin-wall vessel design facilitates rapid heat transfer and ensures the highest PCR reaction specificity and consistency. Each tube in the plate has a raised rim to form better contact with single-piece sealing methods such as the BD Falcon Adhesive Films or Heat-sealing foils. The H12 corner of the plate has been cut away to aid orientation.
- The BD Falcon 96-well Low Profile PCR Reaction Plate, similar to the standard plate, has a shorter tube height, decreasing the dead space between the heated lid and the sample. This leads to reduced condensation within the tube and better temperature control of samples. The larger plate surround offers increased area for labeling or bar-coding.
- The BD Falcon Skirted 96-well PCR Reaction Plate, a direct replacement for polycarbonate plates, offers all the benefits of the polypropylene construction including advanced thin-wall vessel design. The skirt surround aids compatibility with automated systems, providing an even surface for robotically controlled clamps. The skirt also provides extra space for labeling and bar-coding.



BD Falcon 384-Well PCR Reaction Plate

- BD Falcon 24- and 48-well PCR Reaction Plates are available for handling intermediate numbers of samples. These plates may also be combined in the thermal cycler, allowing full 96-well capacity to be utilized.
- The BD Falcon 384-well PCR Reaction Plate is designed for the high-throughput PCR laboratory. Each of the 384 wells has a maximum capacity of 40 μ l and a working volume of 25 μ l, providing sufficient sample DNA for downstream processing. The plates are manufactured from virgin polypropylene and are skirted for compatibility with automated systems. Thin-wall well construction facilitates rapid heat transfer for maximum specificity and consistent results from run to run. Wells have raised rims to ensure contact with the sealing medium and avoid problems associated with evaporation. The BD Falcon 384-well PCR Reaction Plate may be sealed with a variety of methods, including Adhesive Seals, Adhesive Sealing Foils, single piece mat devices and heat sealing foils. The plate is compatible with all leading 384-block thermal cyclers.

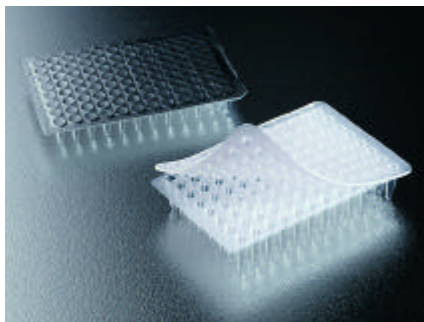
BD Falcon PCR Accessories

Plate Sealing Mats

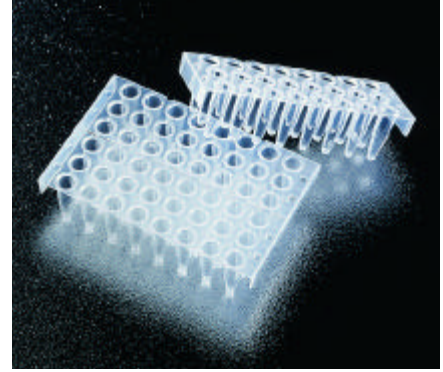
BD Falcon PCR Sealing Mats provide a convenient and effective method for sealing 96- and 384-well plates. Dimples on both sides of the 96-well sealing mat facilitate error-free positioning on the plate. The flat 384-well sealing mat is designed with end-tags that may be inserted into holes in the skirt to secure the mat in place. Both types of mats provide validated 100% sealing when used in conjunction with heated lid thermal cyclers. Mats are fully autoclavable and may be reused up to 50 times.

Adhesive PCR Sealing Film and Foil

BD Falcon PCR Adhesive Sealing media are available in two formats: clear film and foil.



Adhesive PCR Sealing Film and Foil



BD Falcon 24- and 48-well PCR Reaction Plates

The clear Adhesive PCR Film has a clear polyester backing and prevents evaporation from PCR reaction plates during thermal cycling or sample storage. Transparency allows for thorough sample inspection. The whole film may be stripped off the plate for access to reaction products. **Note:** This film must be used with a thermal cycler that has a screw-down or clamp-down hot lid.

BD Falcon PCR Adhesive Foil Seals provide excellent sealing during PCR and for long term storage at temperatures from ambient to -20°C . Samples are accessed by piercing the foil with a pipette tip. **Note:** This film must be used with a thermal cycler that has a screw-down or clamp-down hot lid.

Cap-It Tool for Cap Strip Application

The Cap-It Tool is designed to assist in the application of domed cap strips to the BD Falcon PCR 8-well Tube Strips. The tool minimizes the pressure required to seal the caps effectively and enables multiple tubes to be sealed simultaneously.



Cap-It Tool

Setting the standard for quality and reliability: BD Falcon PCR Labware.

Meticulous manufacturing and quality control ensure 100% contaminant-free product.



Thin-wall Vessel Design

Advanced thin-wall design improves PCR reaction consistency and specificity by providing accurate, rapid and uniform heat transfer.

100% Sealing, Oil-free

The BD Falcon PCR system offers flexibility in sealing methods including caps and adhesive films, heat sealing films or mats. These closures provide 100% sealing without the need for an oil overlay when used in conjunction with a thermal cycler fitted with a heated lid.

Cleanroom Production

BD Falcon PCR Reaction Tubes and Plates are produced and packaged in Class 100,000 facilities. Products are manufactured with state-of-the-art, computerized injection-molding equipment according to strict ISO 9000 guidelines.

Ordering Information

Cat. No.	Description	Qty/Bag	Qty/Case
BD Falcon PCR Tubes and Tube Strips			
352123	0.5 ml Reaction Tube, Flat Cap	250	1,000
352124	0.5 ml Reaction Tube, Domed Cap	250	1,000
352125	0.2 ml Reaction Tube, Flat Cap	250	1,000
352126	0.2 ml Reaction Tube, Domed Cap	250	1,000
352127	0.2 ml 8-strip Reaction Tube, No Caps	240	1,200
352128	0.2 ml 8-strip Reaction Tube, Includes Domed Strip Caps	240	1,200
352129	Low Profile 8-strip Reaction Tube, Includes Domed Strip Caps	240	1,200
352130	Low Profile 8-strip Reaction Tube, Includes Flat Strip Caps	240	1,200
352139	Domed Strip Caps	120	1,200
352140	Flat Strip Caps	120	1,200
BD Falcon PCR Reaction Plates			
352131	24-well Reaction Plate, 3 x 8 format, for PE 2400	10	200
352132	48-well Reaction Plate, 6 x 8 format	10	200
352133	96-well Reaction Plate	5	200
352134	96-well Low Profile Reaction Plate	5	200
352135	96-well Skirted Reaction Plate	10	200
352136	384-well Reaction Plate	15	300
BD Falcon PCR Accessories			
352137	Sealing Mat for 96-well Reaction Plates	10	200
352138	Sealing Mat for 384-well Reaction Plates	15	300
352139	Domed Strip Caps	120	1,200
352140	Flat Strip Caps	120	1,200
352141	Clear Adhesive Film for General Microplate Sealing	50	200
352142	Clear Adhesive Film for PCR Reaction Plate Sealing	50	200
352143	Adhesive Foil for Microplates and PCR Reaction Plates	50	200
352144	Gas Permeable Adhesive Film for Microplates	50	200
352145	Cap-It Tool	1	25

To place an order in the U.S., contact your authorized distributor.

For technical assistance, contact Technical Service at:

tel. 1.800.343.2035, 1.781.275.0004

fax 1.800.743.6200, 1.781.275.0043

Outside the U.S., contact your local distributor or nearest BD Biosciences office.

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