

ANH Application Catalog

PCR

PCR

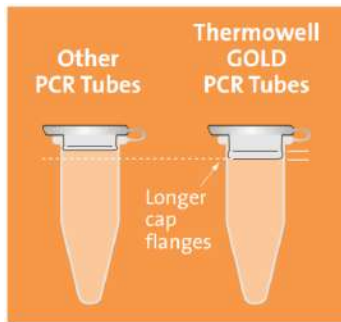
Thermowell GOLD PCR reaction vessels exemplify Corning's commitment to innovation – to develop superior quality, reliable, and versatile products to complement today's dynamic changes in technology. Ultra-pure medical grade polypropylene is used in the finest quality molding process to ensure the highest quality tubes, strips, caps, and microplates for PCR. Extensive product testing and unsurpassed quality control standards guarantee performance consistency and functional superiority. The wide variety of options offered by Thermowell GOLD provides researchers the choices necessary for complete compatibility with laboratory equipment. Look to Thermowell GOLD for PCR, sequencing, and real-time PCR

ANH provides products for supporting PCR such as PCR tube, 8 well PCR Strip and caps, PCR sealing tapes, sealing mats and real time PCR with Thermowell GOLD products.

1. PCR Tube



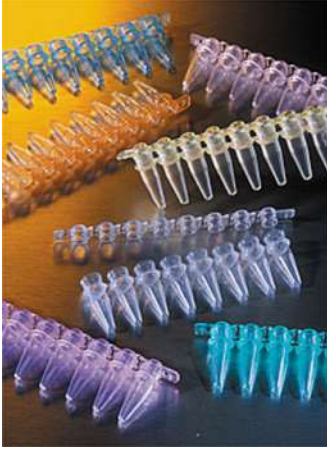
Thermowell GOLD® PCR tube 0.2 mL and 0.5 mL are individual polypropylene PCR tubes providing maximum versatility for virtually all popular thermal cyclers. The unique cap design with longer cap flanges ensures a secure fit to prevent evaporation and sample loss. Tubes are available with domed caps for efficient heat transfer or flat caps for easy piercing and marking.



Thermowell GOLD PCR Tubes: Uniquely Designed to Prevent Sample Loss Thermowell GOLD PCR tubes are designed with longer cap flanges as an added safeguard against evaporation and to prevent accidental cap opening during thermal cycling. Unlike other PCR tubes with shorter caps, Thermowell GOLD PCR tubes are sealed with a full-length insertion cap to ensure a tight fit and reduce the possibility of sample evaporation. Ultra-thin walls of uniform thickness accelerate heat transfer leading to shorter cycle times and higher product yields.

Brand	Cat. No	Description	Unit/Case	Stock Items
Corning	3744	Thermowell GOLD 0.2mL Polypropylene PCR Tube with Flat Cap, Assorted Colors	1000/Case	
Corning	3745	Thermowell GOLD 0.2mL Polypropylene PCR Tube with Flat Cap, Clear	1000/Case	✓
Corning	3746	Thermowell GOLD 0.2mL Polypropylene PCR Tube with Domed Cap, Assorted Colors	1000/Case	
Corning	3747	Thermowell GOLD 0.2mL Polypropylene PCR Tube with Domed Cap, Clear	1000/Case	
Corning	3749	Thermowell GOLD 0.5mL Polypropylene PCR Tube with Flat Cap, Assorted Colors	1000/Case	
Corning	3750	Thermowell GOLD 0.5mL Polypropylene PCR Tube with Flat Cap, Clear	1000/Case	

2. 8 Well PCR Strips and Caps

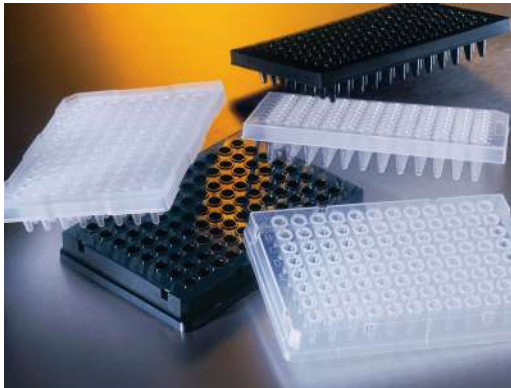


Thermowell GOLD 8 Well Strips and Caps 0.2 mL 1 x 8 tube strips are manufactured from ultra-thin walled polypropylene, and are designed for a precise fit in heat blocks to ensure optimal thermal transfer.

- Cap strips are sold separately
- Made of thin wall polypropylene and designed for precise fit in heat blocks for optimum heat transfer
- DNase- and RNase-free
- Autoclavable at 121°C

Brand	Cat. No	Description	Unit/Case	Stock Items
Corning	3740	Thermowell GOLD 0.2mL Polypropylene PCR Tube, 8 Well Strips, Assorted Colors	1250/Case	
Corning	3741	Thermowell GOLD 0.2mL Polypropylene PCR Tube, 8 Well Strips, Clear	1250/Case	
Corning	3742	Thermowell GOLD PCR 1 x 8 Optically Clear Flat Cap Strips, for RT-PCR	1250/Case	
Corning	3743	Thermowell GOLD PCR 1 x 8 Cap Strips, Domed, Clear	1250/Case	
Corning	3748	Thermowell GOLD PCR 1 x 8 Cap Strips, Domed, Assorted Colors	1250/Case	
Corning	3749	Thermowell GOLD 0.5mL Polypropylene PCR Tube with Flat Cap, Assorted Colors	1000/Case	

3. 96 Well PCR Microplate



Thermowell GOLD 96 Well Microplates
Thermowell GOLD 96 well PCR microplates are offered in five formats to ensure maximum flexibility and a perfect match for your applications.

- These 96 well PCR microplates with elevated skirts feature a rigid construction that is ideal for automation
- These half skirted 96 well PCR microplates feature a rigid construction that is ideal for automation
- Clear medical grade polypropylene is suitable for RT-PCR
- Uniform wall thickness assures efficient heat transfer while minimizing well-to-well variability
- 100% tested for well integrity and DNase- and RNase-free
- Nonsterile, without lids

Brand	Cat. No	Description	Unit/Case	Stock Items
Corning	3752	Thermowell GOLD 96-Well Clear Polypropylene PCR Microplate, Full Skirt, Non-Sterile	50/Case	
Corning	3753	Thermowell GOLD 96-Well Clear Polypropylene PCR Microplate, Half Skirt, Non-Sterile	50/Case	
Corning	3754	Thermowell GOLD 96-Well Clear Polypropylene PCR Microplate, Elevated Skirt, Non-Sterile	50/Case	

4. 384 Well PCR Microplates

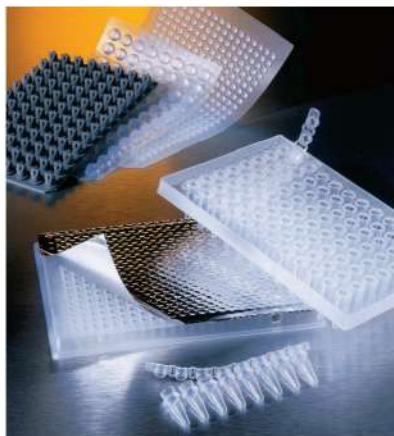


Thermowell GOLD 384 well PCR microplates feature exceptional dimensional stability following thermocycling, and are fully compatible with automation, commonly used thermal cyclers.

- These 384 well PCR microplates feature a rigid construction that is ideal for automation
- Uniform wall thickness assures efficient heat transfer while minimizing well-to-well variability
- 100% tested for well integrity and DNase- and RNase-free
- Nonsterile, without lids

Brand	Cat. No	Description	Unit/Case	Stock Items
Corning	3757	Thermowell GOLD 384-Well Clear Polypropylene PCR Microplate, Non-Sterile	50/Case	

5. PCR Sealing Tapes and Sealing Mats



Thermowell® GOLD 8 well, flat cap strips feature an ultra-clear surface ideal for real-time PCR and fluorescent and luminescent applications. These cap strips are designed to fit on all Thermowell GOLD 8 well tube strips and 96 well PCR microplates.

- NewThermowell GOLD 96 well silicone rubber septa mats offer a unique pierceable surface for easy access to reaction contents, and are fully compatible with Applied BioSystems® instrumentation.
- Corning aluminum and clear polyethylene sealing tapes provide optimal sealing to prevent evaporation and allow for oil-free operation when used with thermal cyclers with heated lids.

- Corning silicone rubber sealing mats are fully autoclavable and reusable, providing a more cost effective alternative to other sealing methods.

Brand	Cat. No	Description	Unit/Case	Stock Items
Corning	3742	Thermowell GOLD PCR 1 x 8 Optically Clear Flat Cap Strips, for RT-PCR	1250/Case	
Corning	6524	PCR Polyethylene 96-Well Microplate Sealing Tape, Non-Sterile	100/case	
Corning	6569	384-Well Microplate Aluminum Sealing Tape, Non-Sterile	100/case	
Corning	6570	96-Well Microplate Aluminum Sealing Tape, Non-Sterile	100/case	
Corning	6575	Universal Optical Microplate Sealing Tape, Non-Sterile	100/case	

6. Thermowell GOLD for RT-PCR

Thermowell GOLD PCR products are manufactured to the exacting specifications required for real-time PCR. The ultra-thin, uniform wall thickness of the microplates and tube strips allows for optimal rapid thermal transfer. A choice of two sealing options – optically clear flat cap strips and pressure sensitive optically clear sealing tapes – provide the perfect clarity needed for today’s advanced optically sensitive real time detection systems.

Brand	Cat. No	Description	Unit/Case	Stock Items
Corning	3741	Thermowell GOLD 0.2mL Polypropylene PCR Tube, 8 Well Strips, Clear	1250/Case	
Corning	3742	Thermowell GOLD PCR 1 x 8 Optically Clear Flat Cap Strips, for RT-PCR	1250/Case	
Corning	3752	Thermowell GOLD 96-Well Clear Polypropylene PCR Microplate, Full Skirt,	50/Case	

		Non-Sterile		
Corning	3753	Thermowell GOLD 96-Well Clear Polypropylene PCR Microplate, Half Skirt, Non-Sterile	50/Case	
Corning	3754	Thermowell GOLD 96-Well Clear Polypropylene PCR Microplate, Elevated Skirt, Non-Sterile	50/Case	
Corning	3757	Thermowell GOLD 384-Well Clear Polypropylene PCR Microplate, Non-Sterile	50/Case	
Corning	6575	Universal Optical Microplate Sealing Tape, Non-Sterile	100/Case	

Find out more at <https://www.anhsci.com/>

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