



Low bleed | High clarity | Protect

Pure-Pass™ well plates
and sealing mats

High-throughput, automated laboratory workflows demand the highest quality consumables to reduce instrument downtime and minimize the need for repeat analyses. Pure-Pass™ well plates and sealing mats are designed and manufactured to stringent quality standards to minimize contaminants that can affect assay results and also for dimensional compliance with ANSI/SLAS ensure compatibility with a wide range of automated equipment.

Low bleed | High clarity | Protect



Pure-Pass well plates

Our as-molded, untreated plates are manufactured from a high purity polypropylene copolymer, making them some of the cleanest uncoated plastic plates on the market. For applications where plastic simply cannot be used, our advanced glass-like barrier coated well plates may be an option. We can achieve a high-quality glass-like surface that could be an alternative to typical glass inserts.



Pure-Pass uncoated well plates

- Manufactured from a high clarity, high purity polypropylene copolymer for ultra-low extractables.
- Molded in a clean room.
- Meets all ANSI and SLAS standards.

Pure-Pass glass barrier coated well plates

- All the benefits of our ultra-clean untreated well plates, with the addition of a glass barrier for added protection against extractables.
- Surface chemistry like glass could significantly reduce adsorption risk.

Consumables | Pure-Pass well plates and sealing mats

Pure-Pass sealing mats

Pure-Pass sealing mats protect wells from leaks, contamination, and evaporation during sampling and storage. Pure-Pass sealing mats are available in clean room molded EVA and a specially processed low bleed, low-extractable silicone to reduce sticking and a pre-slit version is available for easier piercing and sample withdrawal.

All mats are for 96 well plates with 7 mm diameter wells. Excellent dimensional conformance with ANSI/SLAS ensures enhanced registration with the plate for ease of application. Each mat has an alphanumeric grid reference.



Pure-Pass EVA sealing mats

- EVA sealing mats are clean room molded.
- Dome shape plugs ease insertion and thin web eases piercing.

Pure-Pass silicone sealing mats

- Offers the excellent chemical resistance of silicone.
- Specially processed to reduce risk of accidental sample contamination (low bleed/extractables).
- Available in non-slit and slit versions. The slit version enhances sample recovery by reducing vacuum formation.
- Plasma coating reduces the natural tackiness of silicone.

Pure-Pass well plates and sealing mats

Visit us at www.trajanscimed.com or contact your regional Trajan representative for assistance and further information.



Trajan Scientific and Medical

Science that benefits people

Trajan is actively engaged in developing and delivering solutions that have a positive impact on human wellbeing. Our vision revolves around collaborative partnerships that improve workflows, delivering better results.

Consumables | Pure-Pass well plates and sealing mats

High-throughput, automated laboratory workflows demand the highest quality consumables to reduce instrument downtime and minimize the need for repeat analyses. Pure-Pass well plates and sealing mats are designed and manufactured to stringent quality standards to minimize contaminants that can affect assay results. Dimensional compliance with ANSI/SLAS ensures compatibility with a wide range of automated equipment.



Features and benefits

Standard Pure-Pass well plates

- Manufactured from a high clarity, high purity polypropylene copolymer for ultra-low extractables.
- Molded in a clean room.
- Meets all ANSI and SLAS standards.
- Alpha-numeric grid reference.

Glass coated Pure-Pass well plates

- All the benefits of our ultra-clean standard plates, with the addition of a glass barrier coating for added protection against extractables.
- Surface chemistry like glass could significantly reduce adsorption risk.

Pure-Pass sealing mats

- Protection from leaks, contamination, and evaporation during sampling and storage.
- Available in clean room molded EVA and a specially processed low bleed, low extractable silicone.
- Additional plasma coating is available to reduce sticking for the silicone mats.
- Pre-slit versions for easier piercing and sample withdrawal.

Recommended applications

Use Pure-Pass as molded plates for low extractable sample storage and glass coated plates for more critical and low bind needs.

Product specifications

- Standard polypropylene and glass-coated polypropylene
- V bottom
- 96 and 384 wells
- 7 mm round or 8 mm square wells
- -80°C to +80°C

For more information about this product visit www.trajanscimed.com or contact techsupport@trajanscimed.com

Consumables | Well plates and sealing mats

Part number	Part description and detail
Pure-Pass well plates	
Standard	
96 well plates	
451001	Pure-Pass 96 well plates, polypropylene, V bottom, round, 7 mm, 0.5 mL, PK10
451002	Pure-Pass 96 well plates, polypropylene, V bottom, round, 7 mm, 1.0 mL, PK10
451007	Pure-Pass 96 well plates, polypropylene, V bottom, round, 7 mm, microtiter, PK10
451006	Pure-Pass 96 well plates, polypropylene, V bottom, square, 8 mm, 2.0 mL, PK10
384 well plates	
451008	Pure-Pass, 384 well plates, polypropylene, V bottom, microtiter, PK10
451009	Pure-Pass, 384 deep well , polypropylene, V bottom, PK10
Glass coated	
96 well plates	
455001	Pure-Pass 96 well plates, glass coated, polypropylene, V bottom, round, 7 mm, 0.5 mL, PK10
455002	Pure-Pass 96 well plates, glass coated, polypropylene, V bottom, round, 7 mm, 1.0 mL, PK10
455006	Pure-Pass 96 well plates, glass coated, polypropylene, V bottom, square, 8 mm, 2.0 mL, PK10
455007	Pure-Pass 96 well plates, glass coated, polypropylene, V bottom, round, 7 mm, microtiter, PK10
384 well plates	
455008	Pure-Pass, 384 well plates, glass coated, polypropylene, V bottom, microtiter, PK10
455009	Pure-Pass, 384 deep well , glass coated, polypropylene, V bottom, PK10
Pure-Pass sealing mats	
462001	Sealing mat, 96 well plates, EVA foam, round, 7 mm, PK5
465001	Sealing mat, 96 well plates, plasma coated, silicone, round, 7 mm, PK5
465002	Sealing mat, 96 well plates, plasma coated, silicone, round, 7 mm with slit, PK5

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