

Pierceable Microplate Capmats

Fast, convenient positive sealing for filter or solid bottom microplates

- **Increase productivity:** Install Capmats in less than 10 s
- **Stable over a wide temperature range:** Autoclave at 120°C or store at -70°C.
- **Positive seal for individual wells:** Prevents crosstalk and minimizes evaporation.
- **Pierceable Capmats reseal after needle puncture:** Enable inoculations and/or aspirations under closed conditions.



Whatman™ Pierceable Capmats can protect samples and improve productivity in a wide variety of microplate applications. Designed to provide a secure positive seal for each individual well, these high quality, reusable closures are produced using

chemically resistant biosafe silicone rubber which is stable over a broad range of temperatures. Extensive testing confirmed the security of the seal under diverse conditions and after repeated punctures with a 27 g syringe needle.

Ordering information

Pierceable Capmats

Catalog number	Description	Quantity
7704-0104	96-well, square format Silicone Capmat for 2 ml microplates	50
7704-0105	96-well, round format Silicone Capmat for 750 & 800 µl microplates	50

Whatman also offers nonpierceable Capmats in a variety of configurations

Ordering information

Nonpierceable Capmats

Catalog number	Description	Quantity
7704-0004	96-well, square format EVA Capmat for 2 ml microplates	100
7704-0005	96-well, round format EVA Capmat for 750 & 800 µl microplates	100
7704-0006	48-well, rectangular format EVA Capmat for 5 ml microplates	100
7704-0007	24-well, square format Santoprene™ Capmat for 10 ml microplates	100



Pierceable Microplate Capmats

Extensive testing under diverse conditions

Whatman Pierceable Capmats were extensively tested by our Research and Development to determine performance characteristics under various conditions. Our results showed that the capmats are compatible with wide temperature ranges between -70°C and 95°C. The capmats withstand high temperature during autoclaving. They provide a perfect barrier against evaporation and are resistant to tearing. Their ability to reseal after puncture with needles makes them a perfect accessory for liquid handlers. They are resistant to Ethanol, Methanol, DMSO, and DMF.



Examples of microplates compatible with Whatman Pierceable Capmats

Ordering information

Capmat		Microplate	
Catalog no.	Description	Catalog no.	Description
7704-0115	384-well square format	7701-5400	384-well, 400 µl deep block
7704-0105	96-well round format	7701-1350	96-well, 300 µl microplate
		7700-2810	96-well, 800 µl DNA Binding Plate
		7720-2830	96-well, 800 µl Lysate Clarification Plate
		7700-2806	96-well, 800 µl 0.45 µm hydrophilic PVDF
7704-0104	96-well square format	7701-5200	96-well, 2 ml deep block

Also available from Whatman:

BugStopper™ Venting Capmats perfect for slow growing bacterial and fungal cultures

Ordering information

BugStopper		Microplate	
Catalog no.	Description	Catalog no.	Description
7704-0014	24-well square format, venting capmat	7704-5102	24-well, 10 ml microplate

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