



## Resprep Polymeric SPE Offers an Alternative to Silica-Based Sorbents

- No unwanted silica interactions.
- Higher loading capacity.
- Stable over a wide pH range (0–14).
- Streamlined conditioning and equilibration.
- No flow-rate dependence.



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## Resprep Polymeric SPE Cartridges and 96-Well Plates

- Silica-free, bonded polymeric material—no unwanted secondary silica interactions, even with basic compounds.
- High surface area—higher loading capacity compared to silica-based sorbents.
- Stable over a wide pH range (0–14)—won't hydrolyze under extreme conditions.
- Water-wettable—streamlined conditioning and equilibration steps drastically reduce solvent usage and sample prep time.
- No flow-rate dependence—maintains retention and capacity after conditioning, even if dried out from vacuum or positive pressure flows.
- Choose cartridges for high loading capacity; 96-well plates for high throughput and automation.



Description	Packing	Particle Size	Recommended Analytes	Volume	qty.	cat.#
Resprep Polymeric SPE 96-Well Plate	HLB	30 µm	General-purpose for acids, bases, or neutrals; high capacity for polar compounds.	10 mg	ea.	28453
	HLB	30 µm	General-purpose for acids, bases, or neutrals; high capacity for polar compounds.	30 mg	ea.	28454
	HLB	30 µm	General-purpose for acids, bases, or neutrals; high capacity for polar compounds.	1 mL, 30 mg	100-pk.	28449
Resprep Polymeric SPE Cartridge	HLB	60 µm	General-purpose for acids, bases, or neutrals; high capacity for polar compounds.	3 mL, 60 mg	50-pk.	28450
	HLB	60 µm	General-purpose for acids, bases, or neutrals; high capacity for polar compounds.	6 mL, 200 mg	30-pk.	28264
	HLB	60 µm	General-purpose for acids, bases, or neutrals; high capacity for polar compounds.	6 mL, 500 mg	30-pk.	28265
Resprep Polymeric SPE 96-Well Plate	MAX	30 µm	Acids	10 mg	ea.	28459
	MAX	30 µm	Acids	30 mg	ea.	28460
	MAX	30 µm	Acids	1 mL, 30 mg	100-pk.	28455
Resprep Polymeric SPE Cartridge	MAX	60 µm	Acids	3 mL, 60 mg	50-pk.	28456
	MAX	60 µm	Acids	6 mL, 150 mg	30-pk.	28457
	MAX	60 µm	Acids	6 mL, 500 mg	30-pk.	28458
Resprep Polymeric SPE 96-Well Plate	MCX	30 µm	Bases	10 mg	ea.	28465
	MCX	30 µm	Bases	30 mg	ea.	28466
	MCX	30 µm	Bases	1 mL, 30 mg	100-pk.	28461
Resprep Polymeric SPE Cartridge	MCX	60 µm	Bases	3 mL, 60 mg	50-pk.	28462
	MCX	60 µm	Bases	6 mL, 150 mg	30-pk.	28463
	MCX	60 µm	Bases	6 mL, 500 mg	30-pk.	28464
Resprep Polymeric SPE 96-Well Plate	WAX	30 µm	Strong acids	10 mg	ea.	28471
	WAX	30 µm	Strong acids	30 mg	ea.	28472
	WAX	30 µm	Strong acids	1 mL, 30 mg	100-pk.	28467
Resprep Polymeric SPE Cartridge	WAX	30 µm	Strong acids	3 mL, 60 mg	50-pk.	28468
	WAX	30 µm	Strong acids	6 mL, 150 mg	30-pk.	28469
	WAX	30 µm	Strong acids	6 mL, 200 mg	30-pk.	28292
Resprep Polymeric SPE 96-Well Plate	WAX	30 µm	Strong acids	6 mL, 500 mg	30-pk.	28268
	WAX	60 µm	Strong acids	6 mL, 500 mg	30-pk.	28470
Resprep Polymeric SPE Cartridge	WCX	30 µm	Strong bases	10 mg	ea.	28477
	WCX	30 µm	Strong bases	30 mg	ea.	28478
	WCX	30 µm	Strong bases	1 mL, 30 mg	100-pk.	28473
Resprep Polymeric SPE Cartridge	WCX	60 µm	Strong bases	3 mL, 60 mg	50-pk.	28474
	WCX	60 µm	Strong bases	6 mL, 200 mg	30-pk.	28475
	WCX	60 µm	Strong bases	6 mL, 500 mg	30-pk.	28476

HLB – Hydrophilic-Lipophilic Balance | MAX – Mixed-Mode, Strong Anion Exchange | MCX – Mixed-Mode, Strong Cation Exchange | WAX – Mixed-Mode, Weak Anion Exchange  
WCX – Mixed-Mode, Weak Cation Exchange

Resprep polymeric SPE products offer five distinct packings to choose from. Find them all, and the entire line of Resprep sample preparation products, at [www.restek.com/resprep](http://www.restek.com/resprep)

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