



Replacement Check Valves

Self-priming With the ASI valve, priming is easy. Open the pump outlet and turn on the pump. Your pump will prime itself, even if the head and intake lines are completely dry. You won't need to use a syringe or draw-off valve to prime your pump.

Rugged Construction The valve will not crush, crack, or leak due to high pressure. We designed the ASI cartridge so that loads are transmitted through the valve casing rather than the seat, as in conventional designs.

Convenient and Economical Cartridge Design When it's time for routine maintenance, you only need to replace the cartridge, not the entire assembly. The ASI cartridge costs no more than most conventional valve rebuild kits, and you won't spend time chasing balls all over the lab bench.

Pre-tested Every ASI valve is tested prior to shipping to ensure it passes a stringent set of performance specifications.

Please see page 72 for more information about ASI check valves.

Replacement Piston Seals and Pistons

ASI pump seals and pistons have been developed to reduce pump downtime. Our UHMW-PE piston seal material is compounded with other proprietary polymers to provide lower friction and better solvent resistance than pure UHMW-PE. It generally provides much longer service life than Teflon and generates less wear material, and we recommend it for most applications. Our Teflon piston seal has a proprietary additive to increase resistance to cold flow, and improve wear characteristics. Teflon is inert to any HPLC mobile phase.

Please see page 74 for a detailed guide to selecting the best material.

ASI Self-priming Check Valves Agilent 1050, 1100

Gilson Rainin 5SC, 5SS, 5WSS, 10SC, 10SS, 10WSS

Description	OEM Part Number	ASI Part Number
Inlet Check valve (Cartridge and housing)	Gilson: 3645242 Rainin: E50131 ; R007101616	250-1380*
Inlet cartridge		250-1360*
Inlet housing		250-1370
Outlet check valve (cartridge & housing)	Gilson: 3645245 Rainin: E50121 ; R007101617	250-1385*
Outlet cartridge		250-1365*
Outlet Housing		250-1375
Replacement filter pack of 5 pces		250-1220

Gilson Rainin 25SC, 25SS, 25WSS

Description	OEM Part Number	ASI Part Number
Inlet Check valve (Cartridge and housing)	Gilson: 3645242 Rainin: E50131 ; R007101616	250-1381*
Inlet cartridge		250-1361*
Inlet housing		250-1371
Outlet check valve (cartridge & housing)	Gilson: 3645245 Rainin: E50121 ; R007101617	250-1386*
Outlet cartridge		250-1366*
Outlet Housing		250-1376
Replacement filter pack of 5 pces		250-1220

* If you wish to specify ceramic ball & seat, add a "C" to end of part number.

ASI Replacement Piston Seals

Gilson / Rainin 5SC, 5SS

Description	OEM Part Number	ASI Part Number	Material
Piston Seal	Gilson: 5463088863	200-1225	UHMW-PE
Piston Seal 10/Pack		200-1226	UHMW-PE

Gilson / Rainin 10SC, 10SS

Description	OEM Part Number	ASI Part Number	Material
Piston seal	Gilson: 5463125895 Rainin: 007101636/37	200-1220	UHMW-PE
Piston seal pack of 10		200-1221	UHMW-PE

Gilson / Rainin 25SC, 25SS

Description	OEM Part Number	ASI Part Number	Material
Piston seal	Gilson: 5463050825 Rainin: R007101643	200-1222	UHMW-PE
Piston seal pack of 10		200-1223	UHMW-PE

ASI Replacement Pistons

Gilson / Rainin 5SC, 5SS, 5Ti

Description	OEM Part Number	ASI Part Number	Material
Piston	Gilson: 3650008 Rainin: R007101657	260-1195	Sapphire Rod

Gilson / Rainin 10SC, 10SS, 10Ti

Description	OEM Part Number	ASI Part Number	Material
Piston	Gilson: 3650009 Rainin: R007101658	260-1190	Sapphire Rod