



### Sample Cylinder Valves

- Multiple valve configurations, including dip tube and rupture disks.
- Large, durable, Kel-F® seat ensures leak-free operation.
- Temperature range: -40°C to 120°C

Alta-Robbins' unique valve design incorporates a fully contained soft seat which provides durability and longer lifetime. Tight shut-off is easily achieved with very low torque, yet the valve is rugged enough to withstand overtightening.

Multiple valve configurations are available for both high pressure and ultra-high pressure sample cylinders. An outage tube or dip tube provides a headspace above liquefied gases so that, should expansion occur with an increase in temperature, the pressure is not dramatically increased. Outage is expressed as a % of the total cylinder volume, based on the ratio of the length of headspace to the total length of the cylinder, with a maximum available outage of 50%. The dip tube is welded directly to the male inlet of the valve and cut to a length of up to 5.25 inches. Rupture discs function to protect sample cylinders from over-pressurization by venting to the atmosphere. The pressure rating on the rupture disc should always be lower than the cylinder.



Description	Stainless Steel		Sulfinert Treated	
	cat.#	price	cat.#	price
<b>1,500 psig DOT Pressure Rating</b>				
1/4" Male NPT x 1/4" Male NPT	26297		21400	
1/4" Male NPT x 1/4" Female NPT	26298		26299	
1/2" Male NPT x 1/4" Male Compression	26300		21401	
1/4" Male NPT x 1/4" Male NPT w/5.25" Dip Tube*	26301		21402*	
1/4" Male NPT x 1/4" Male NPT w/1,800 psi Rupture Disc	26302		26303	
1/4" Male NPT x 1/4" Female NPT w/1,800 psi Rupture Disc	26304		26305	
Replacement Rupture Disc, 1,800 psig	26320			
<b>5,000 psig DOT Pressure Rating</b>				
1/4" Male NPT x 1/4" Male NPT	26306		26307	
1/4" Male NPT x 1/4" Female NPT	26308		26309	
1/4" Male NPT x 1/4" Male Compression	26310		26311	
1/4" Male NPT x 1/4" Male NPT w/5.25" Dip Tube*	26312		26313	
1/4" Male NPT x 1/4" Male NPT w/2,850 psi Rupture Disc	26314		26315	
1/4" Male NPT x 1/4" Female NPT w/2,850 psi Rupture Disc	26316		26317	
Replacement Rupture Disc, 2,850 psig	26324			

\*To order catalog #21402 (Sulfinert Alta-Robbins Sample Cylinder Valve, 1/4" NPT with Dip Tube), please call Customer Service at 800-356-1688, ext. 3, or contact your Restek representative. Specify dip tube length or % outage when ordering (maximum length = 5.25" / 13.3cm). Note: End of part will not be treated after cutting tube to length.



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#### Solutions for Gas Sampling

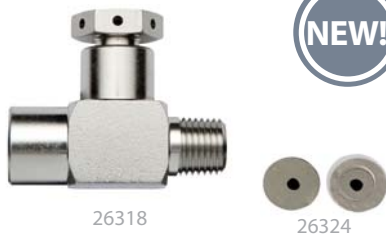
lit. cat.# PCFL1308

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### Rupture Disc Tee

Unlike other designs, Alta-Robbins rupture disc tee is NOT permanently soldered to the disc, making the discs replaceable. Discs are easily changed without removing the valve or tee from the cylinder. These tees are designed to be installed into existing systems to provide reliable over-pressure protection.



Description	Stainless Steel		Sulfinert Treated	
	cat.#	price	cat.#	price
<b>1,800 psig DOT Pressure Rating</b>				
Rupture Disc Tee, 1/4" Male NPT x 1/4" Female NPT	26318		26319	
Replacement Rupture Disc	26320			
<b>2,850 psig DOT Pressure Rating</b>				
Rupture Disc Tee, 1/4" Male NPT x 1/4" Female NPT	26322		26323	
Replacement Rupture Disc	26324			



### Metering Control Valves

- Reduces pressure between sample cylinder and GC injector.
- Maintains fine metering control.
- Contains Kel-F® seat.



Description	Stainless Steel		Sulfinert Treated	
	cat.#	price	cat.#	price
<b>3,500 psig DOT Pressure Rating</b>				
Metering Control Valve, 1/4" Male NPT x 1/4" Male NPT	26326		26327	