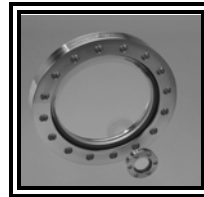
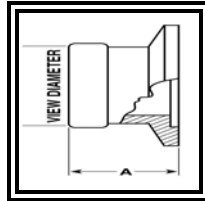


Viewports

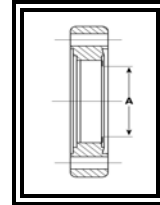
Viewports should not be pressurized. When backfilling, venting, or breaking vacuum on a chamber with Viewports be sure that chamber pressure does not exceed 1 atmosphere.



KF



CF



KF Viewports

- Body – 304 Stainless Steel
- Viewing Window – 7056 Borosilicate Glass (call us for Quartz, Sapphire or other materials)
- Transition Material – Kovar
- Temperature - 150°C Maximum
- Vacuum Rating: 1×10^{-8} Torr (High Vacuum)
- Avoid Thermal Changes in excess of 10°C/minute
- Do not expose to pressure above 1 ATM

Part Number	A (Overall Length)	View Diameter	Price
VPKF40	1.25	1-3/8"	\$280.00
VPKF50	1.38	1-7/8"	\$355.00

Part Number	A (Overall Length)	View Diameter	Price
VPZLF63	0.470	1.40	\$160.00
VPZLF80	0.470	1.40	\$200.00
VPZL100	0.688	2.66	\$315.00
VPZL160	0.790	3.88	\$435.00
VPZL200	0.875	5.37	\$670.00

CF Zero Length Viewports

- Body – 304 Stainless Steel
- Viewing Window – 7056 Borosilicate glass (call us for Quartz, Sapphire or other materials)
- Transition Material – Kovar
- Temperature - 400°C Maximum
- Vacuum Rating: Below 1×10^{-10} Torr, (UHV)
- Avoid thermal changes in excess of 10°C/minute
- Do not expose to pressure above 1 ATM

Part Number	Flange Size	A (View Diameter)	Price
VPZ133	1.33	0.62	\$120.00
VPZ212	2.12	0.62	\$125.00
VPZ275	2.75	1.40	\$135.00
VPZ338	3.38	1.40	\$160.00
VPZ450	4.50	2.66	\$275.00
VPZ462	4.62	2.66	\$295.00
VPZ600	6.00	3.88	\$410.00
VPZ675	6.75	3.88	\$675.00
VPZ800	8.00	5.37	\$675.00
VPZ1000	10.00	5.37	\$775.00