

Kodial® Viewports

Zero length viewports provide a wide angle viewing window for your vacuum chamber. Manufactured using glass bonded sealing technology and completely adhesive free, they offer a stable platform for the addition of a viewport shutter, used to reduce the deposition on the window in vacuum coating systems.

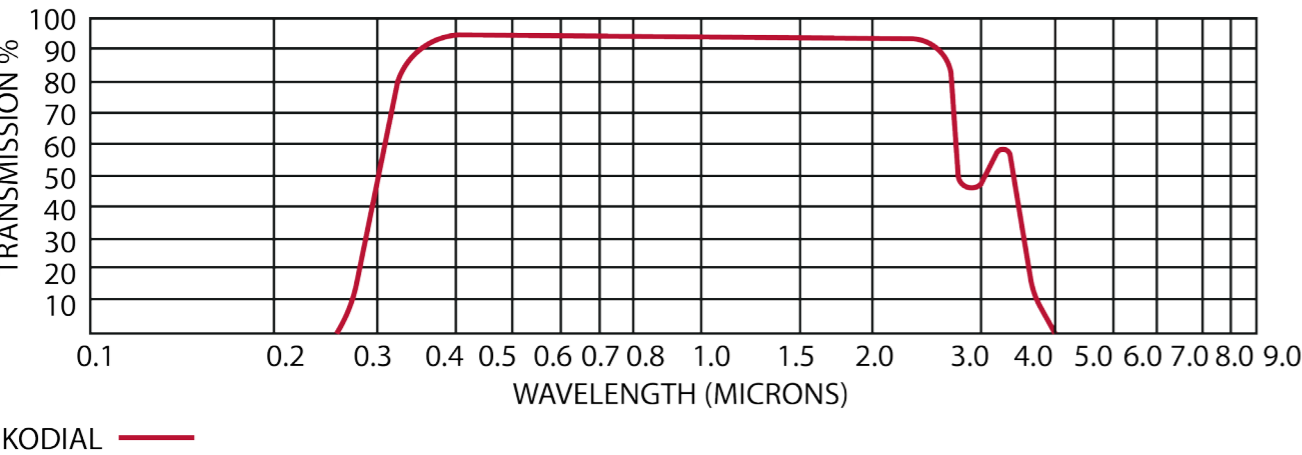


Product Overview

- Glass sealing by induction heating process
- No adhesives used during manufacture
- HV and UHV compatible
- Low profile
- Fully bakeable 350°C
- Pressure range 1 bar to 1x10⁻¹¹ mbar

Kodial viewports are offered in CF flange styles. The viewports comprise a borosilicate glass optic which is sealed to a Kovar weld ring using an induction heater process. The optic assemblies are helium leak tested and cleaned for ultra high vacuum (UHV) conditions.

Transmission Curve



Kodial® Viewports

Zero Length 304L UHV Kodial® Viewports						
DN Type	OD A mm	Viewing Diameter B mm	C mm	O mm	Max Bake °C	Order Code
DN19	34	15.8	8	1	350	ZVPZ16
DN40	70	38	13	2.5	350	ZVPZ38
DN63	70	63.6	17.5	3	350	ZVPZ64
DN100	114	89.2	20	3	350	ZVPZ100
DN150	152	137	22	4	350	ZVPZ150

Zero Length 316LN UHV Kodial® Viewports						
DN Type	OD A mm	Viewing Diameter B mm	C mm	O mm	Max Bake °C	Order Code
DN19	34	15.8	8	1	350	ZVPZL16
DN40	70	38	13	2.5	350	ZVPZL38
DN63	114	63.6	17.5	3	350	ZVPZL64
DN100	152	89.2	20	3	350	ZVPZL100
DN150	203	137	22	4	350	ZVPZL150

