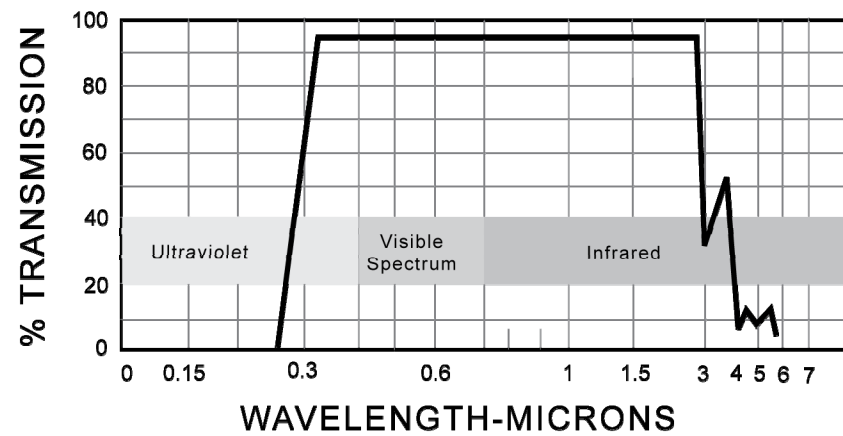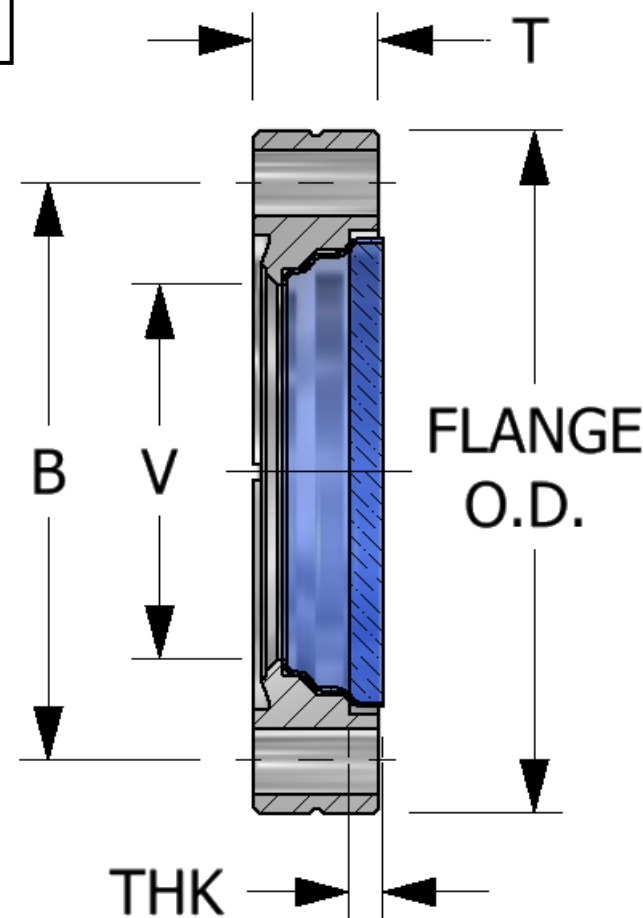**Huntington** offers zero length viewports in glass, sapphire and fused silica to meet various needs in light transmission, bake-out temperatures and cost effectiveness. Viewports are an excellent choice for visually determining process control steps, photographing experimental results and taking optical pyrometer readings among other uses.

Glass viewports are the most common and cost effective solution, utilizing Corning® type 7056 glass for both high and ultra high vacuum applications. The excellent quality of glass allows for superior transmission in the visible spectrum and near ultraviolet region. Care should be taken with glass as scratches can cause point stress and premature failure. Care should also be exercised as rapid temperature fluctuations can cause cracking, resulting in implosion hazard.

Glass Transmission Curve (Type 7056)

Dimensions: inches (mm)

GLASS ZERO LENGTH VIEWPORTS, VAC-U-FLANGE® (CF)

FLANGE OD	"B"	"T"	"V"	GLASS THICKNESS	WEIGHT (lbs.)	PART NUMBER
1 $^1/_3$"	1.06	0.28	0.63	.070	0.5	VP-075
2 $^3/_4$"	2.31	0.68	1.50	.125	1.0	VP-151
3 $^3/_8$"	2.85	0.68	1.50	.125	1.0	VP-200
4 $^1/_2$"	3.63	0.68	2.69	.170	2.5	VP-251
4 $^5/_8$"	4.03	0.75	2.69	.170	2.5	VP-300
6"	5.13	0.78	4.00	.200	3.0	VP-401
6 $^3/_4$"	5.97	0.84	4.00	.200	3.0	VP-500
8"	7.12	0.87	6.13	.375	3.5	VP-601

Other sizes available. For quotes, please call 800-227-8059 or visit our website at www.huntvac.com. Email: vacman@huntvac.com

Huntington Mechanical Labs, Inc.

13355 NEVADA CITY AVENUE
GRASS VALLEY, CA. 95945

VIEWPORT, VAC-U-FLANGE®,
w/TYPE 7056 CORNING® GLASS

B	DWG. NO. **VP-XXX** OUTLINE	REV. -
SCALE: NO SCALE	SHEET: 1	OF 1