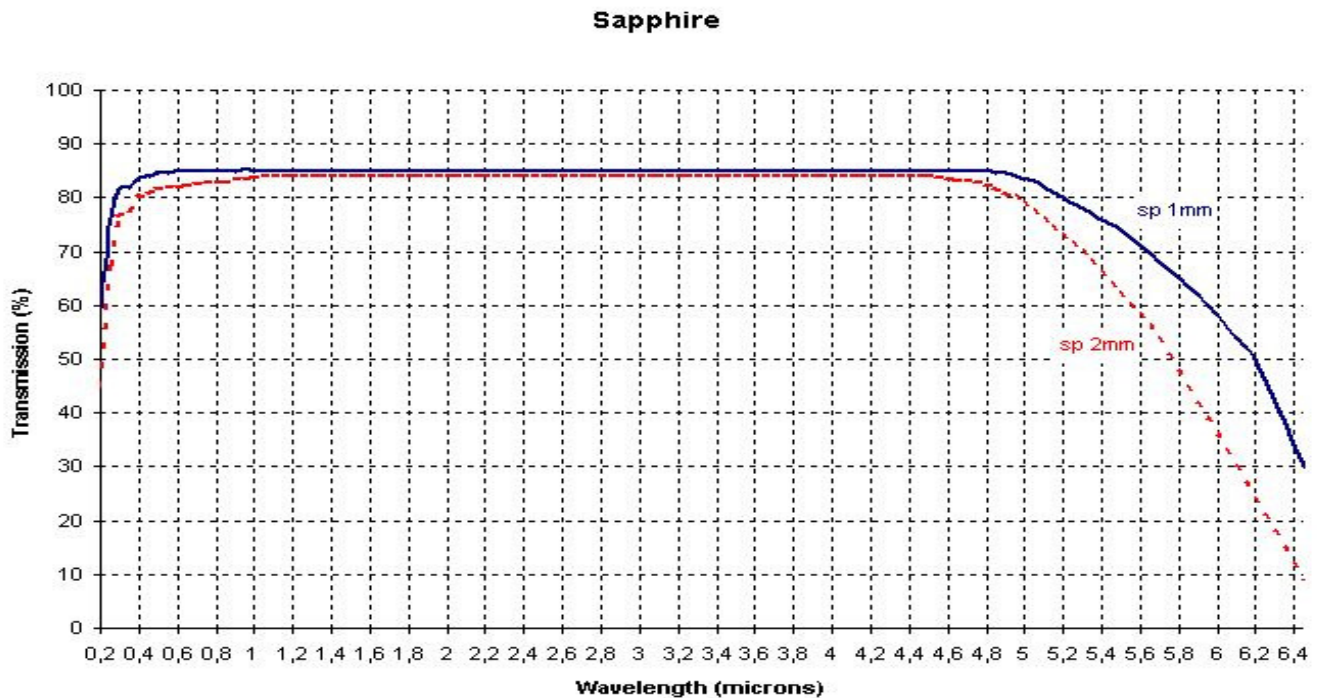


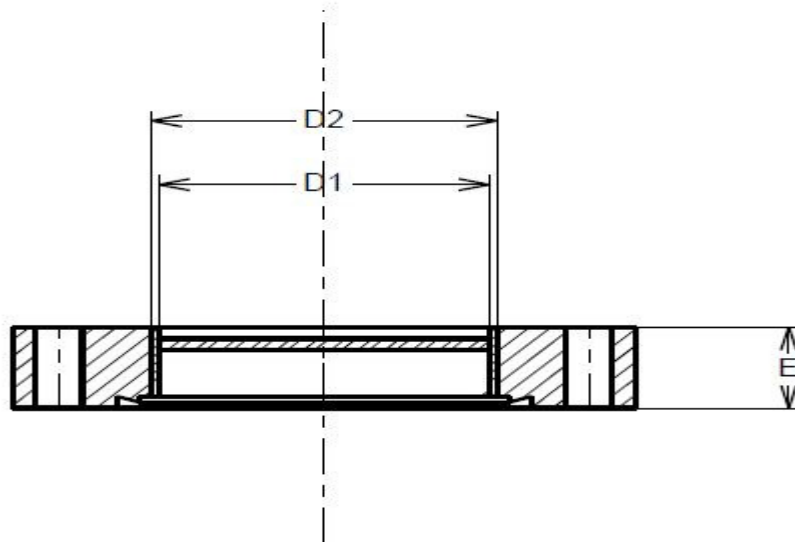
## *U.H.V Sapphire Viewports*



### Features for both Bakeable and Cryogenics Model

- High Vacuum brazed Components
- Leak Tightness  $< 1.10^{-10}$  mbar.l.s<sup>-1</sup> He
- Low Profile, fully CF Flange integrated
- High Quality Optical Grade
- Fully non-magnetic
- Skirt and Flange TA6V Titanium
- Window thickness 2mm
- Maximum bakeout (air) 450°C for bakeable, 150°C for Cryogenics
- Cryogenics Model from 4°K

## *U.H.V Sapphire Viewports*

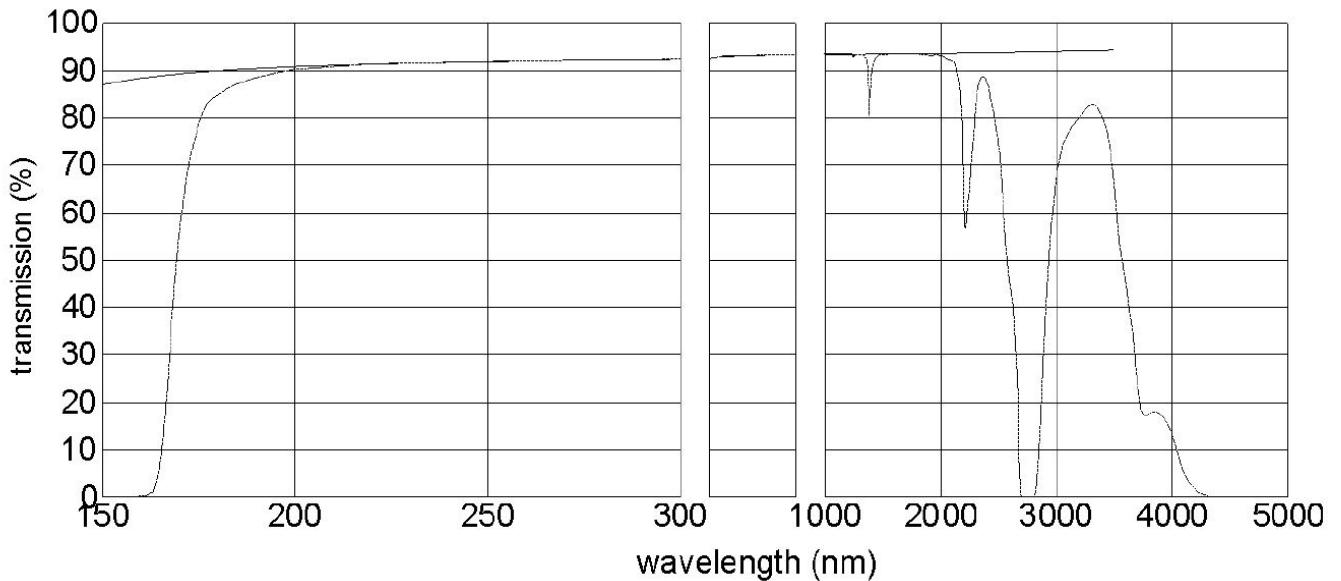


	<u>Viewing D1</u>	<u>CF Flange</u>	<u>E</u>
SW 15 bakeable	15 mm	16	7
SW 35 bakeable	34 mm	35	13
SW 55 bakeable	56 mm	63	17
SW 15 Cryo	15 mm	16	7
SW 35 Cryo	34 mm	35	13

***Please contact us for weldable Ports and upper Sizes***

## *U.H.V Fused Silica Viewports*

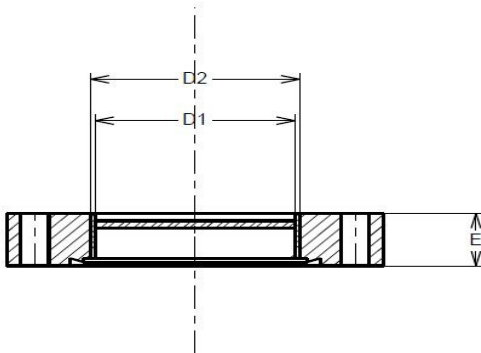
### **Suprasil 1, 2, 3 and Standard** (path length: 10 mm)



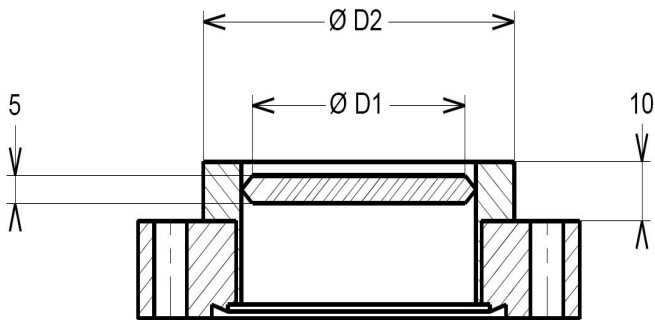
### **Features for both Bakeable and Cryogenics Model**

- High Vacuum brazed Components
- Leak Tightness  $< 1.10^{-10}$  mbar.l.s<sup>-1</sup> He
- Low Profile, fully CF Flange integrated for Cryogenics
- Suprasil Standard<sup>®</sup> fused Silica, other grade on Request
- Fully non-magnetic
- Skirt and Flange TA6V Titanium
- Window thickness 2mm for Cryogenics, 5mm for Bakeable
- Maximum bakeout (air) 500°C for bakeable, 150°C for Cryogenics
- Cryogenics Model from 4°K

## ***U.H.V Fused Silica Viewports***



Cryogenics Model

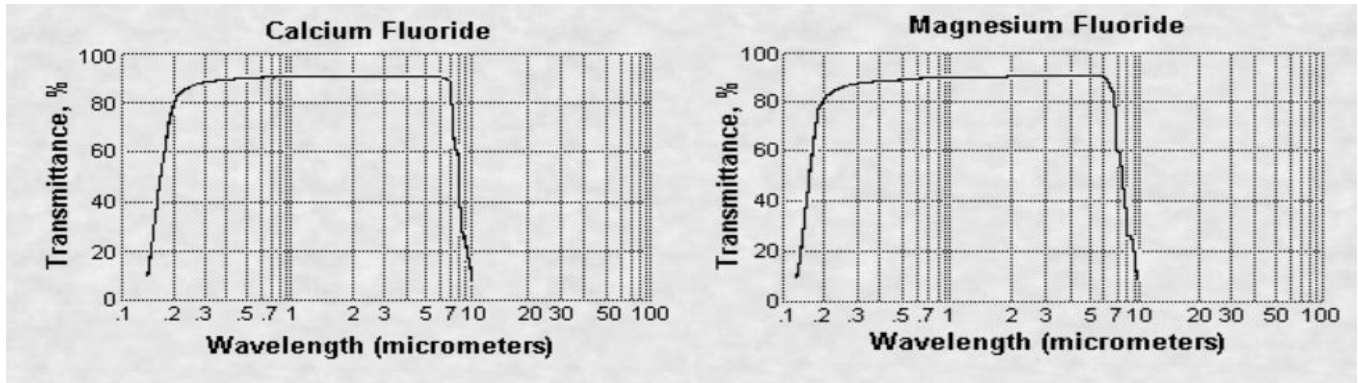


Beakable Model

<u>Viewing D1</u>	<u>CF Flange</u>	<u>E</u>	
QW 20 Bakeable	21 mm	35	23
QW 50 Bakeable	49 mm	63	28
QW 15 Cryo	15 mm	16	7
QW 35 Cryo	34 mm	35	13

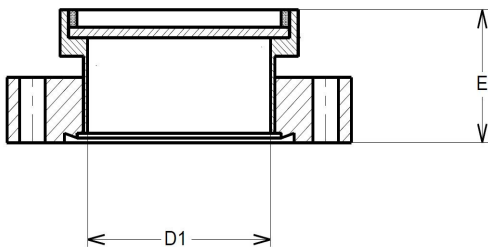
***Please contact us for weldable Ports and upper Sizes***

## U.H.V CaF<sub>2</sub> and MgF<sub>2</sub> Viewports



### Features

- Leak Tightness  $< 1.10^{-10}$  mbar.l.s<sup>-1</sup> He
- High Grade Window Material
- Fully non-magnetic
- CF Flange Mounted
- Skirt and Flange TA6V Titanium
- Window thickness 1 and 2 mm
- Maximum bakeout 150°C



	<u>E</u>	<u>D1</u>
CaFW10	20	10
CaFW20	24	20
MgW 20	24	20