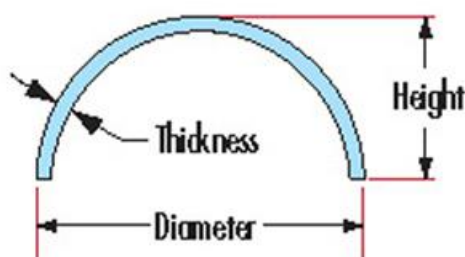


## Sapphire Domes

A dome is an optical window composed of two parallel curved surfaces. Domes are commonly used in defence applications and often in extreme environments such as submersible ROVs. For this reason our domes offer both high transmission as well as durability, sapphire is an excellent selection for its good mechanical properties and good transmission at MWIR of 3-5 microns. Shalom EO provides the aerospace and defense industry with critical infrared, multi-spectral, and visible domes, and the domes used in missile and reconnaissance & surveillance applications.



### Specifications

Materials of domes	Sapphire
Dimensions range	10-380mm
Diameter Tolerances	±0.1mm
Thickness Tolerance	±0.1mm
Surface Quality	60/40 S/D
Centricity	0.1mm

Note: The special specifications are available upon customer's request.