

Crystaltechno Ltd. manufactures

Polished Domes from glass and crystals

Processed materials

ZnSe (Zinc Selenide), Si (silicon), Ge (Germanium), CaF₂ (Calcium Fluoride),
BaF₂ (Barium Fluoride), MgF₂ (Magnesium Fluoride), glass

Specification

	Parameter	Value	
1	Domes diameter* Ø, mm	Ø ≤ 100	100 ≤ Ø ≤ 240
2	Diameter tolerance, mm	± 0.1	± 0.2
3	Domes height, mm	no more than 90	
4	Height tolerance, mm	± 0.1	± 0.2
5	Domes radius of curvature, mm	(45 - 120) depends on domes diameter	
6	Radius tolerance, mm	± 0.1	± 0.5
7	Domes wall thickness, mm	≥ 2	≤ 15
8	Surface quality, S/D	60-40	80-50

* The maximum sizes of domes from MgF₂ (Magnesium Fluoride) up to (40-60) mm

If you are interested please feel free to contact us! You can receive the additional information

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