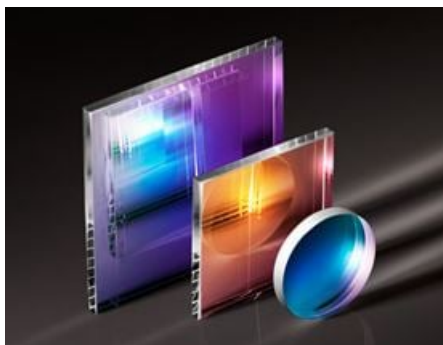


[All Products](#) / [Optics](#) / [Optical Mirrors](#) / [Hot and Cold Mirrors](#)

TECHSPEC® High Performance Cold Mirrors



- >95% Reflection from 400 - 690nm
- >90% Transmission from 750 - 1200nm
- Optimized for 0° or 45° Angle of Incidence

Common Specifications

Physical & Mechanical Properties

Thickness Tolerance (mm): ± 0.2

Dimensional Tolerance (mm): $+0.0/-0.2$

Optical Properties

Substrate: [BOROFLOAT®](#)

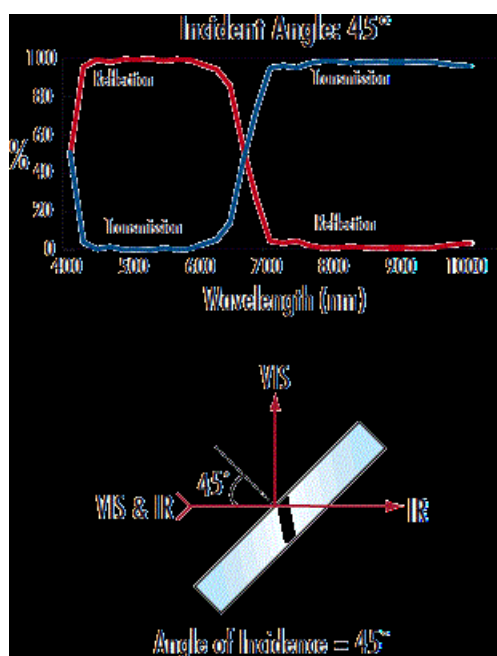
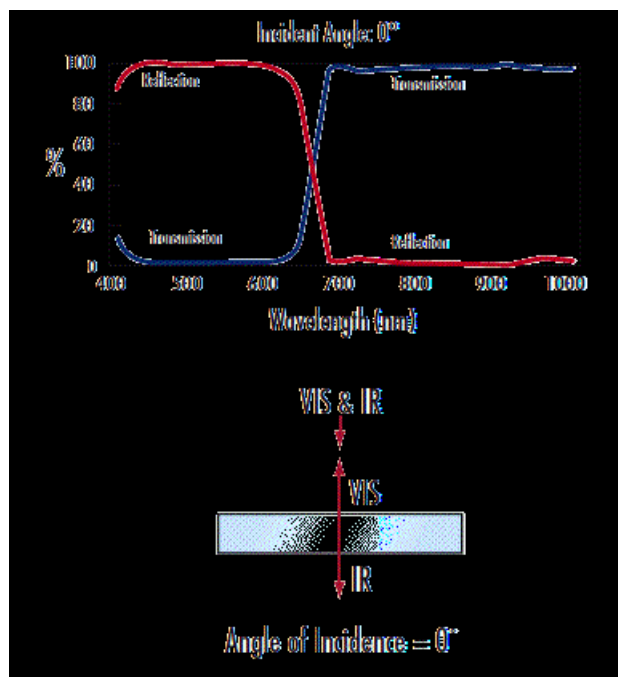
Surface Quality: 80-50

Coating Specification: $R_{avg} \geq 95\%$ @ 400 - 690nm and $T_{avg} \geq 90\%$ @ 750 - 1200nm
 AR Coating: $R_{avg} < 1\%$ @ 700 - 1150nm

Surface Flatness (P-V): 4 - 6 λ

Coating Type: Dielectric

Technical Information



Products

AOI (°)	Dia. (mm)	Dimensions (mm)	Thickness (mm)	Stock Number	Price	Buy
0	12.50	-	1.10	#64-433	€46,25 Qty 10+ €41,75	3-4 days
0	-	12.5 x 12.5	1.10	#64-434	€46,25 Qty 10+ €41,75	3-4 days
0	20.00	-	1.10	#64-435	€49,50 Qty 10+ €44,50	3-4 days
0	-	20.0 x 20.0	1.10	#64-436	€49,50 Qty 10+ €44,50	3-4 days
0	25.00	-	3.30	#64-437	€54,50 Qty 10+ €49,00	In Stock
0	-	25.0 x 25.0	3.30	#64-438	€54,50 Qty 10+ €49,00	3-4 days
0	-	35.0 x 35.0	3.30	#64-439	€72,00 Qty 10+ €65,00	3-4 days
0	50.00	-	3.30	#64-440	€102,00 Qty 10+ €92,00	3-4 days
0	-	50.0 x 50.0	3.30	#64-441	€102,00 Qty 10+ €92,00	3-4 days
0	-	101.0 x 127.0	3.30	#64-442	€218,00 Qty 10+ €196,00	In Stock
45	12.50	-	1.10	#64-443	€46,75 Qty 10+ €42,00	3-4 days
45	-	12.5 x 12.5	1.10	#64-444	€46,75 Qty 10+ €42,00	In Stock
45	20.00	-	1.10	#64-445	€50,00 Qty 10+ €45,00	3-4 days
45	-	20.0 x 20.0	1.10	#64-446	€50,00 Qty 10+ €45,00	In Stock
45	25.00	-	3.30	#64-447	€55,00 Qty 10+ €49,50	In Stock
45	-	25.0 x 25.0	3.30	#64-448	€55,00 Qty 10+ €49,50	In Stock

45	-	35.0 x 35.0	3.30	#64-449	€72,00 Qty 10+ €65,00	In Stock
45	50.00	-	3.30	#64-450	€102,00 Qty 10+ €92,00	3-4 days
45	-	50.0 x 50.0	3.30	#64-451	€102,00 Qty 10+ €92,00	In Stock
45	-	101.0 x 127.0	3.30	#64-452	€218,00 Qty 10+ €196,00	In Stock



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK

Phone: 1-800-363-1992 :

www.edmundoptics.com