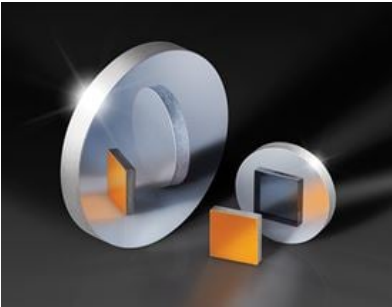


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TECHSPEC®

λ/20 First Surface Mirrors

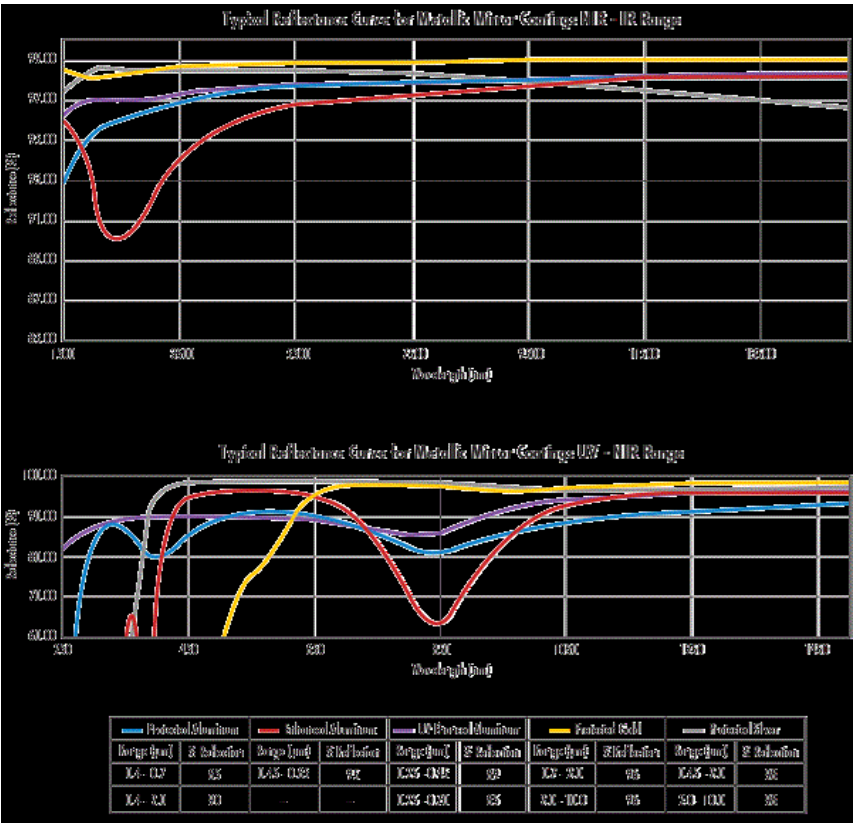


- Precision Fused Silica Substrate
- 20-10 Surface Quality
- Low Coefficient of Thermal Expansion

Common Specifications

Physical & Mechanical Properties			
Back Surface:	Commercial Polish	Clear Aperture (%):	90.00
Edges:	Ground, protective bevel as needed	Parallelism (arcsec):	30.00
Optical Properties			
Substrate:	Fused Silica (Corning 7980)	Surface Quality:	20-10
Coating Type:	Metal		

Technical Information



Products

Dia. (mm)	Surface Flatness (P-V)	Dimensions (mm)	Coating Specification	Coating	Thickness (mm)	Stock Number	Price	Buy
10.00	λ/20	-	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	2.00	#34-354	₹9,731 Volume Pricing	7 In Stock
10.00	λ/20	-	R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm	Protected Gold (700- 10000nm)	2.00	#34-370	₹11,989 Volume Pricing	1 In Stock
10.00	λ/20	-	R _{avg} >98% @ 450 - 2000nm R _{avg} >98% @ 2000 - 10,000nm	Protected Silver (450- 10000nm)	2.00	#34-386	₹11,600 Volume Pricing	Contact Us
10.00	λ/20 (flatness pre- coating)	-	R _{avg} >85% @ 250 - 700nm R _{avg} >89% @ 250 - 450nm	UV Enhanced Aluminum (250- 700nm)	2.00	#70-285	₹9,731 Volume Pricing	2 In Stock
-	λ/20	10.0 x 10.0	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	2.00	#34-355	₹9,731 Volume Pricing	4 In Stock
-	λ/20	10.0 x 10.0	R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm	Protected Gold (700- 10000nm)	2.00	#34-371	₹11,989 Volume Pricing	Contact Us
-	λ/20	10.0 x 10.0	R _{avg} >98% @ 450 - 2000nm R _{avg} >98% @ 2000 - 10,000nm	Protected Silver (450- 10000nm)	2.00	#34-387	₹11,600 Volume Pricing	1 In Stock
-	λ/20 (flatness pre- coating)	10.00 x 10.00	R _{avg} >85% @ 250 - 700nm R _{avg} >89% @ 250 - 450nm	UV Enhanced Aluminum (250- 700nm)	2.00	#70-286	₹9,731 Volume Pricing	3 In Stock
15.00	λ/20	-	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	3.00	#34-356	₹10,276 Volume Pricing	1 In Stock

15.00	$\lambda/20$	-	$R_{avg} > 96\% @$ 700 - 2000nm $R_{avg} > 96\% @$ 2000 - 10,000nm	Protected Gold (700-10000nm)	3.00	#34-372	₹13,157 Volume Pricing	20+ In Stock
15.00	$\lambda/20$	-	$R_{avg} > 98\% @$ 450 - 2000nm $R_{avg} > 98\% @$ 2000 - 10,000nm	Protected Silver (450-10000nm)	3.00	#34-388	₹11,989 Volume Pricing	Contact Us
15.00	$\lambda/20$ (flatness pre-coating)	-	$R_{avg} > 85\% @$ 250 - 700nm $R_{avg} > 89\% @$ 250 - 450nm	UV Enhanced Aluminum (250-700nm)	3.00	#70-287	₹10,276 Volume Pricing	Contact Us
-	$\lambda/20$	15.0 x 15.0	$R_{avg} > 95\% @$ 450 - 650nm	Enhanced Aluminum (450-650nm)	3.00	#34-357	₹10,276 Volume Pricing	2 In Stock
-	$\lambda/20$	15.0 x 15.0	$R_{avg} > 96\% @$ 700 - 2000nm $R_{avg} > 96\% @$ 2000 - 10,000nm	Protected Gold (700-10000nm)	3.00	#34-373	₹13,157 Volume Pricing	2 In Stock
-	$\lambda/20$	15.0 x 15.0	$R_{avg} > 98\% @$ 450 - 2000nm $R_{avg} > 98\% @$ 2000 - 10,000nm	Protected Silver (450-10000nm)	3.00	#34-389	₹11,989 Volume Pricing	Contact Us
-	$\lambda/20$ (flatness pre-coating)	15.00 x 15.00	$R_{avg} > 85\% @$ 250 - 700nm $R_{avg} > 89\% @$ 250 - 450nm	UV Enhanced Aluminum (250-700nm)	3.00	#70-288	₹10,276 Volume Pricing	4 In Stock
20.00	$\lambda/20$	-	$R_{avg} > 95\% @$ 450 - 650nm	Enhanced Aluminum (450-650nm)	3.00	#34-358	₹11,210 Volume Pricing	7 In Stock
20.00	$\lambda/20$	-	$R_{avg} > 96\% @$ 700 - 2000nm $R_{avg} > 96\% @$ 2000 - 10,000nm	Protected Gold (700-10000nm)	3.00	#34-374	₹13,702 Volume Pricing	14 In Stock
20.00	$\lambda/20$	-	$R_{avg} > 98\% @$ 450 - 2000nm $R_{avg} > 98\% @$ 2000 - 10,000nm	Protected Silver (450-10000nm)	3.00	#34-390	₹13,312 Volume Pricing	14 In Stock
20.00	$\lambda/20$ (flatness pre-coating)	-	$R_{avg} > 85\% @$ 250 - 700nm $R_{avg} > 89\% @$ 250 - 450nm	UV Enhanced Aluminum (250-700nm)	3.00	#70-289	₹11,210 Volume Pricing	3 In Stock

-	$\lambda/20$	20.0 x 20.0	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	3.00	#34-359	₹11,210 Volume Pricing	11 In Stock
-	$\lambda/20$	20.0 x 20.0	$R_{avg} > 96\% @ 700 - 2000nm$ $R_{avg} > 96\% @ 2000 - 10,000nm$	Protected Gold (700-10000nm)	3.00	#34-375	₹13,702 Volume Pricing	1 In Stock
-	$\lambda/20$	20.0 x 20.0	$R_{avg} > 98\% @ 450 - 2000nm$ $R_{avg} > 98\% @ 2000 - 10,000nm$	Protected Silver (450-10000nm)	3.00	#34-391	₹13,312 Volume Pricing	Contact Us
-	$\lambda/20$ (flatness pre-coating)	20.00 x 20.00	$R_{avg} > 85\% @ 250 - 700nm$ $R_{avg} > 89\% @ 250 - 450nm$	UV Enhanced Aluminum (250-700nm)	3.00	#70-290	₹11,210 Volume Pricing	2 In Stock
25.00	$\lambda/20$	-	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	4.00	#34-360	₹11,600 Volume Pricing	Contact Us
25.00	$\lambda/20$	-	$R_{avg} > 96\% @ 700 - 2000nm$ $R_{avg} > 96\% @ 2000 - 10,000nm$	Protected Gold (700-10000nm)	4.00	#34-376	₹17,205 Volume Pricing	17 In Stock
25.00	$\lambda/20$	-	$R_{avg} > 98\% @ 450 - 2000nm$ $R_{avg} > 98\% @ 2000 - 10,000nm$	Protected Silver (450-10000nm)	4.00	#34-392	₹14,869 Volume Pricing	6 In Stock
25.00	$\lambda/20$ (flatness pre-coating)	-	$R_{avg} > 85\% @ 250 - 700nm$ $R_{avg} > 89\% @ 250 - 450nm$	UV Enhanced Aluminum (250-700nm)	4.00	#70-291	₹11,600 Volume Pricing	Contact Us
-	$\lambda/20$	25.0 x 25.0	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	4.00	#34-361	₹11,600 Volume Pricing	Contact Us
-	$\lambda/20$	25.0 x 25.0	$R_{avg} > 96\% @ 700 - 2000nm$ $R_{avg} > 96\% @ 2000 - 10,000nm$	Protected Gold (700-10000nm)	4.00	#34-377	₹17,205 Volume Pricing	3 In Stock
-	$\lambda/20$	25.0 x 25.0	$R_{avg} > 98\% @ 450 - 2000nm$ $R_{avg} > 98\% @ 2000 - 10,000nm$	Protected Silver (450-10000nm)	4.00	#34-393	₹14,869 Volume Pricing	Contact Us

-	$\lambda/20$ (flatness pre-coating)	25.00 x 25.00	$R_{avg} > 85\% @ 250 - 700nm$ $R_{avg} > 89\% @ 250 - 450nm$	UV Enhanced Aluminum (250-700nm)	4.00	#70-292	₹11,600 Volume Pricing	3 In Stock
30.00	$\lambda/20$	-	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	5.00	#34-362	₹15,259 Volume Pricing	7 In Stock
30.00	$\lambda/20$	-	$R_{avg} > 96\% @ 700 - 2000nm$ $R_{avg} > 96\% @ 2000 - 10,000nm$	Protected Gold (700-10000nm)	5.00	#34-378	₹20,475 Volume Pricing	Contact Us
30.00	$\lambda/20$	-	$R_{avg} > 98\% @ 450 - 2000nm$ $R_{avg} > 98\% @ 2000 - 10,000nm$	Protected Silver (450-10000nm)	5.00	#34-394	₹16,971 Volume Pricing	Contact Us
30.00	$\lambda/20$ (flatness pre-coating)	-	$R_{avg} > 85\% @ 250 - 700nm$ $R_{avg} > 89\% @ 250 - 450nm$	UV Enhanced Aluminum (250-700nm)	5.00	#70-293	₹15,259 Volume Pricing	3 In Stock
-	$\lambda/20$	30.0 x 30.0	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	5.00	#34-363	₹15,259 Volume Pricing	Contact Us
-	$\lambda/20$	30.0 x 30.0	$R_{avg} > 96\% @ 700 - 2000nm$ $R_{avg} > 96\% @ 2000 - 10,000nm$	Protected Gold (700-10000nm)	5.00	#34-379	₹20,475 Volume Pricing	Contact Us
-	$\lambda/20$	30.0 x 30.0	$R_{avg} > 98\% @ 450 - 2000nm$ $R_{avg} > 98\% @ 2000 - 10,000nm$	Protected Silver (450-10000nm)	5.00	#34-395	₹16,971 Volume Pricing	20+ In Stock
-	$\lambda/20$ (flatness pre-coating)	30.00 x 30.00	$R_{avg} > 85\% @ 250 - 700nm$ $R_{avg} > 89\% @ 250 - 450nm$	UV Enhanced Aluminum (250-700nm)	5.00	#70-294	₹15,259 Volume Pricing	5 In Stock
40.00	$\lambda/20$	-	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	5.00	#34-364	₹18,295 Volume Pricing	1 In Stock
40.00	$\lambda/20$	-	$R_{avg} > 96\% @ 700 - 2000nm$ $R_{avg} > 96\% @ 2000 - 10,000nm$	Protected Gold (700-10000nm)	5.00	#34-380	₹24,289 Volume Pricing	6 In Stock

40.00	$\lambda/20$	-	$R_{avg} > 98\% @ 450 - 2000nm$ $R_{avg} > 98\% @ 2000 - 10,000nm$	Protected Silver (450-10000nm)	5.00	#34-396	₹22,343 Volume Pricing	Contact Us
40.00	$\lambda/20$ (flatness pre-coating)	-	$R_{avg} > 85\% @ 250 - 700nm$ $R_{avg} > 89\% @ 250 - 450nm$	UV Enhanced Aluminum (250-700nm)	5.00	#70-295	₹18,295 Volume Pricing	4 In Stock
-	$\lambda/20$	40.0 x 40.0	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	5.00	#34-365	₹18,295 Volume Pricing	1 In Stock
-	$\lambda/20$	40.0 x 40.0	$R_{avg} > 96\% @ 700 - 2000nm$ $R_{avg} > 96\% @ 2000 - 10,000nm$	Protected Gold (700-10000nm)	5.00	#34-381	₹24,289 Volume Pricing	5 In Stock
-	$\lambda/20$	40.0 x 40.0	$R_{avg} > 98\% @ 450 - 2000nm$ $R_{avg} > 98\% @ 2000 - 10,000nm$	Protected Silver (450-10000nm)	5.00	#34-397	₹22,343 Volume Pricing	4 In Stock
-	$\lambda/20$ (flatness pre-coating)	40.00 x 40.00	$R_{avg} > 85\% @ 250 - 700nm$ $R_{avg} > 89\% @ 250 - 450nm$	UV Enhanced Aluminum (250-700nm)	5.00	#70-296	₹18,295 Volume Pricing	2 In Stock
50.00	$\lambda/20$	-	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	5.00	#34-366	₹19,540 Volume Pricing	Contact Us
50.00	$\lambda/20$	-	$R_{avg} > 96\% @ 700 - 2000nm$ $R_{avg} > 96\% @ 2000 - 10,000nm$	Protected Gold (700-10000nm)	5.00	#34-382	₹27,325 Volume Pricing	2 In Stock
50.00	$\lambda/20$	-	$R_{avg} > 98\% @ 450 - 2000nm$ $R_{avg} > 98\% @ 2000 - 10,000nm$	Protected Silver (450-10000nm)	5.00	#34-398	₹24,912 Volume Pricing	Contact Us
50.00	$\lambda/20$ (flatness pre-coating)	-	$R_{avg} > 85\% @ 250 - 700nm$ $R_{avg} > 89\% @ 250 - 450nm$	UV Enhanced Aluminum (250-700nm)	5.00	#70-297	₹19,540 Volume Pricing	4 In Stock
-	$\lambda/20$	50.0 x 50.0	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	5.00	#34-367	₹19,540 Volume Pricing	1 In Stock

-	$\lambda/20$	50.0 x 50.0	$R_{avg} > 96\% @ 700 - 2000nm$ $R_{avg} > 96\% @ 2000 - 10,000nm$	Protected Gold (700-10000nm)	5.00	#34-383	₹27,325 Volume Pricing	2 In Stock
-	$\lambda/20$	50.0 x 50.0	$R_{avg} > 98\% @ 450 - 2000nm$ $R_{avg} > 98\% @ 2000 - 10,000nm$	Protected Silver (450-10000nm)	5.00	#34-399	₹24,912 Volume Pricing	1 In Stock
-	$\lambda/20$ (flatness pre-coating)	50.00 x 50.00	$R_{avg} > 85\% @ 250 - 700nm$ $R_{avg} > 89\% @ 250 - 450nm$	UV Enhanced Aluminum (250-700nm)	5.00	#70-299	₹19,540 Volume Pricing	2 In Stock
75.00	$\lambda/20$	-	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	7.50	#34-368	₹40,871 Volume Pricing	5 In Stock
75.00	$\lambda/20$	-	$R_{avg} > 96\% @ 700 - 2000nm$ $R_{avg} > 96\% @ 2000 - 10,000nm$	Protected Gold (700-10000nm)	7.50	#34-384	₹52,938 Volume Pricing	3 In Stock
75.00	$\lambda/20$	-	$R_{avg} > 98\% @ 450 - 2000nm$ $R_{avg} > 98\% @ 2000 - 10,000nm$	Protected Silver (450-10000nm)	7.50	#34-400	₹49,046 Volume Pricing	5 In Stock
75.00	$\lambda/20$ (flatness pre-coating)	-	$R_{avg} > 85\% @ 250 - 700nm$ $R_{avg} > 89\% @ 250 - 450nm$	UV Enhanced Aluminum (250-700nm)	7.50	#70-300	₹40,871 Volume Pricing	Contact Us
-	$\lambda/20$	75.0 x 75.0	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	7.50	#34-369	₹40,871 Volume Pricing	7 In Stock
-	$\lambda/20$	75.0 x 75.0	$R_{avg} > 96\% @ 700 - 2000nm$ $R_{avg} > 96\% @ 2000 - 10,000nm$	Protected Gold (700-10000nm)	7.50	#34-385	₹52,938 Volume Pricing	4 In Stock
-	$\lambda/20$	75.0 x 75.0	$R_{avg} > 98\% @ 450 - 2000nm$ $R_{avg} > 98\% @ 2000 - 10,000nm$	Protected Silver (450-10000nm)	7.50	#34-401	₹49,046 Volume Pricing	10 In Stock
-	$\lambda/20$ (flatness pre-coating)	75.00 x 75.00	$R_{avg} > 85\% @ 250 - 700nm$ $R_{avg} > 89\% @ 250 - 450nm$	UV Enhanced Aluminum (250-700nm)	7.50	#70-301	₹40,871 Volume Pricing	5 In Stock



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