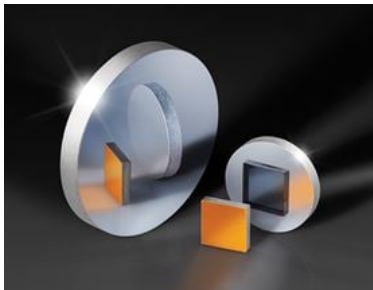


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TECHSPEC®

λ/20 First Surface Mirrors

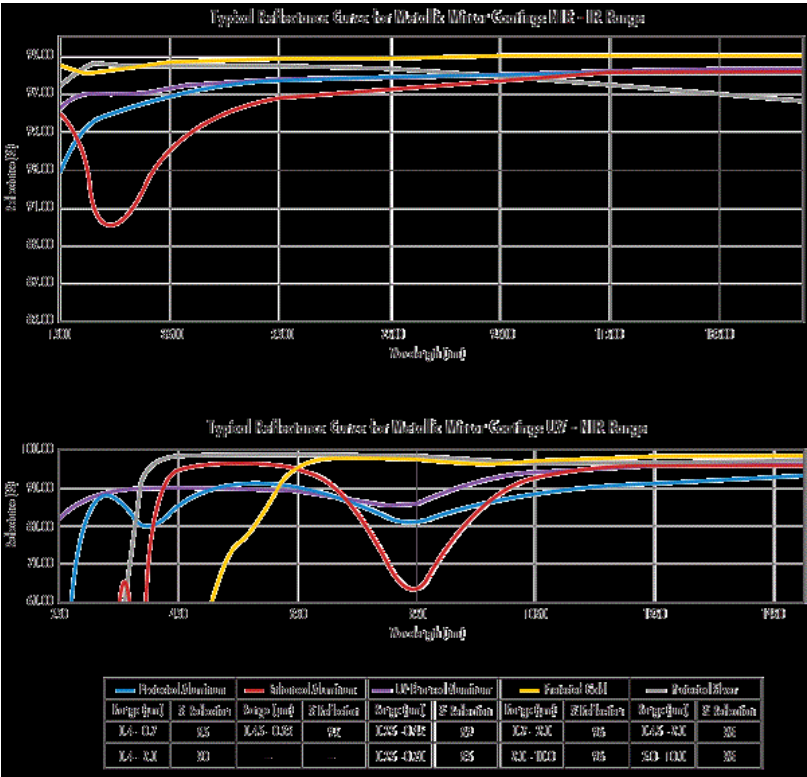


- Precision Fused Silica Substrate
- 20-10 Surface Quality
- Low Coefficient of Thermal Expansion

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	$\lambda/20$	-	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	2.00	#34-354	€128,75 Volume Pricing	9 In Stock
10.00	$\lambda/20$	-	R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm	Protected Gold (700- 10000nm)	2.00	#34-370	€158,62 Volume Pricing	1 In Stock
10.00	$\lambda/20$	-	R _{avg} >98% @ 450 - 2000nm R _{avg} >98% @ 2000 - 10,000nm	Protected Silver (450- 10000nm)	2.00	#34-386	€153,47 Volume Pricing	5 In Stock
10.00	$\lambda/20$ (flatness pre- coating)	-	R _{avg} >85% @ 250 - 700nm R _{avg} >89% @ 250 - 450nm	UV Enhanced Aluminum (250- 700nm)	2.00	#70-285	€128,75 Volume Pricing	2 In Stock
-	$\lambda/20$	10.0 x 10.0	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	2.00	#34-355	€128,75 Volume Pricing	4 In Stock
-	$\lambda/20$	10.0 x 10.0	R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm	Protected Gold (700- 10000nm)	2.00	#34-371	€158,62 Volume Pricing	Contact Us
-	$\lambda/20$	10.0 x 10.0	R _{avg} >98% @ 450 - 2000nm R _{avg} >98% @ 2000 - 10,000nm	Protected Silver (450- 10000nm)	2.00	#34-387	€153,47 Volume Pricing	3 In Stock
-	$\lambda/20$ (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	€128,75 Volume Pricing	3 In Stock
15.00	$\lambda/20$	-	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	3.00	#34-356	€135,96 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	€174,07 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	€158,62 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	€135,96 Volume Pricing	4 In Stock
-	$\lambda/20$	15.0 x 15.0	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	3.00	#34-357	€135,96 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	€174,07 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	€158,62 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	€135,96 Volume Pricing	4 In Stock
20.00	$\lambda/20$	-	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	3.00	#34-358	€148,32 Volume Pricing	Contact Us
20.00	$\lambda/20$	-	R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm	Protected Gold (700- 10000nm)	3.00	#34-374	€181,28 Volume Pricing	20+ 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	€176,13 Volume Pricing	1 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	€148,32 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	€148,32 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	€181,28 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	€176,13 Volume Pricing	Contact Us
#70-290 New								
 New Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!								
-	$\lambda/20$ (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		€148,32 Volume Pricing	2 In Stock
25.00	$\lambda/20$	-	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	4.00	#34-360	€153,47 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	€227,63 Volume Pricing	20+ 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	€196,73 Volume Pricing	20+ 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	€153,47 Volume Pricing	Contact Us
-	$\lambda/20$	25.0 x 25.0	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	4.00	#34-361	€153,47 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	€227,63 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	€196,73 Volume Pricing	3 In Stock
-	$\lambda/20$ (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	€153,47 Volume Pricing	3 In Stock
30.00	$\lambda/20$	-	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	5.00	#34-362	€201,88 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	€270,89 Volume Pricing	1 In Stock
30.00	$\lambda/20$	-	R _{avg} >98% @ 450 - 2000nm R _{avg} >98% @ 2000 - 10,000nm	Protected Silver (450- 10000nm)	5.00	#34-394	€224,54 Volume Pricing	1 In Stock
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	€201,88 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	€201,88 Volume Pricing	1 In Stock
-	$\lambda/20$	30.0 x 30.0	R _{avg} >96% @ 700 - 2000nm R _{avg} >96% @ 2000 - 10,000nm	Protected Gold (700- 10000nm)	5.00	#34-379	€270,89 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	€224,54 Volume Pricing	Contact Us
-	$\lambda/20$ (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	€201,88 Volume Pricing	5 In Stock

40.00	$\lambda/20$	-	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	5.00	#34-364	€242,05 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	€321,36 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	€295,61 Volume Pricing	4 In Stock
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	€242,05 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	€242,05 Volume Pricing	Contact Us
-	$\lambda/20$	40.0 x 40.0	$R_{avg} > 96\% @ 700 - 2000nm$ $R_{avg} > 96\% @ 2000 - 10,000nm$	Protected Gold (700-10000nm)	5.00	#34-381	€321,36 Volume Pricing	Contact Us
-	$\lambda/20$	40.0 x 40.0	$R_{avg} > 98\% @ 450 - 2000nm$ $R_{avg} > 98\% @ 2000 - 10,000nm$	Protected Silver (450-10000nm)	5.00	#34-397	€295,61 Volume Pricing	Contact Us
-	$\lambda/20$ (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	€242,05 Volume Pricing	2 In Stock
50.00	$\lambda/20$	-	$R_{avg} > 95\% @ 450 - 650nm$	Enhanced Aluminum (450-650nm)	5.00	#34-366	€258,53 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	€361,53 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	€329,60 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	€258,53 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	€258,53 Volume Pricing	4 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	€361,53 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	€329,60 Volume Pricing	6 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	€258,53 Volume Pricing	2 In Stock
75.00	$\lambda/20$	-	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	7.50	#34-368	€540,75 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	€700,40 Volume Pricing	Contact Us
75.00	$\lambda/20$	-	R _{avg} >98% @ 450 - 2000nm R _{avg} >98% @ 2000 - 10,000nm	Protected Silver (450- 10000nm)	7.50	#34-400	€648,90 Volume Pricing	8 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	€540,75 Volume Pricing	Contact Us
-	$\lambda/20$	75.0 x 75.0	R _{avg} >95% @ 450 - 650nm	Enhanced Aluminum (450- 650nm)	7.50	#34-369	€540,75 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	€700,40 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	€648,90 Volume Pricing	20+ 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	€540,75 Volume Pricing	5 In Stock



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