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SCHOTT AS 87 ECO Ultra-Thin Windows

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- High Level of Flexibility
- Ultra-Thin Thickness for Low Profile Designs
- Excellent Transmission from 250nm to >3μm

Common Specifications

Physical & Mechanical Properties

Bevel:	Protective as needed	Clear Aperture (%):	90
Thickness (mm):	0.10 ±0.01	Knoop Hardness (kg/mm²):	500.00
Poisson's Ratio:	0.22	Young's Modulus (GPa):	73.3

Optical Properties

Abbe Number (v_d):	59.5	Coating:	Uncoated
Index of Refraction (n_d):	1.504	Substrate:	AS 87 ECO
Surface Quality:	80-50	Wavelength Range (nm):	200 - 3200

Material Properties

Coefficient of Thermal Expansion CTE (10⁻⁶/°C):	8.7	Density (g/cm³):	2.46
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Technical Information

Products

Dia. (mm)	Dimensions (mm)	Thickness (mm)	Coating	Stock Number	Price <small>Volume Pricing</small>	Buy
-	5.00 x 5.00	0.10	Uncoated	#20-199	S\$43.05 <small>Volume Pricing</small>	20+ In Stock
-	10.00 x 10.00	0.10	Uncoated	#12-292	S\$48.30 <small>Volume Pricing</small>	20+ In Stock
-	10.00 x 20.00	0.10	Uncoated	#12-293	S\$48.30 <small>Volume Pricing</small>	8 In Stock
-	10.00 x 30.00	0.10	Uncoated	#12-294	S\$48.30 <small>Volume Pricing</small>	16 In Stock
-	10.00 x 50.00	0.10	Uncoated	#12-295	S\$58.10 <small>Volume Pricing</small>	7 In Stock
-	10.00 x 100.00	0.10	Uncoated	#12-296	S\$58.10 <small>Volume Pricing</small>	14 In Stock

[#12-298 Clearance](#)



Clearance

-	12.70 x 25.40	0.10	Uncoated	Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	S\$37.10 <small>Volume Pricing</small>	14 In Stock
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[#12-311 Clearance](#)



Clearance

				Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.	S\$43.05 <u>Volume Pricing</u>	4 In Stock
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						Contact Us
-	20.00 x 20.00	0.10	Uncoated	<u>#20-200</u>	S\$51.10 <u>Volume Pricing</u>	
-	25.40 x 25.40	0.10	Uncoated	<u>#12-313</u>	S\$58.10 <u>Volume Pricing</u>	20+ In Stock
-	25.40 x 50.80	0.10	Uncoated	<u>#12-314</u>	S\$58.10 <u>Volume Pricing</u>	20+ In Stock
-	25.40 x 76.20	0.10	Uncoated	<u>#12-315</u>	S\$58.10 <u>Volume Pricing</u>	20+ In Stock
-	25.40 x 127.00	0.10	Uncoated	<u>#12-316</u>	S\$68.60 <u>Volume Pricing</u>	13 In Stock

[#12-317 Clearance](#)



Clearance

Availability
is limited,
so buy
before
these
products
disappear.
Sorry, we
cannot
accept
returns.
Receive
up to 80%
off select
products.

- 25.40 x
254.00

0.10

Uncoated

S\$53.90
[Volume Pricing](#)

13 In Stock

-	30.00 x 30.00	0.10	Uncoated	<u>#20-201</u>	S\$56.00 <u>Volume Pricing</u>	15 In Stock
-	40.00 x 40.00	0.10	Uncoated	<u>#20-202</u>	S\$56.00 <u>Volume Pricing</u>	1 In Stock
-	50.00 x 50.00	0.10	Uncoated	<u>#20-203</u>	S\$60.90 <u>Volume Pricing</u>	20+ In Stock
-	50.80 x 76.20	0.10	Uncoated	<u>#20-204</u>	S\$68.60 <u>Volume Pricing</u>	16 In Stock
-	50.80 x 127.00	0.10	Uncoated	<u>#20-205</u>	S\$77.00 <u>Volume Pricing</u>	4 In Stock
-	50.80 x 254.00	0.10	Uncoated	<u>#20-206</u>	S\$86.10 <u>Volume Pricing</u>	20+ In Stock
5.00	-	0.10	Uncoated	<u>#20-207</u>	S\$43.05 <u>Volume Pricing</u>	20+ In Stock
10.00	-	0.10	Uncoated	<u>#20-208</u>	S\$48.30 <u>Volume Pricing</u>	20+ In Stock
12.50	-	0.10	Uncoated	<u>#20-209</u>	S\$48.30 <u>Volume Pricing</u>	7 In Stock
15.00	-	0.10	Uncoated	<u>#20-210</u>	S\$48.30 <u>Volume Pricing</u>	17 In Stock
20.00	-	0.10	Uncoated	<u>#20-211</u>	S\$51.10 <u>Volume Pricing</u>	20+ In Stock

25.00	-	0.10	Uncoated	#20-212	S\$51.10 Volume Pricing	20+ In Stock
30.00	-	0.10	Uncoated	#20-213	S\$56.00 Volume Pricing	4 In Stock
40.00	-	0.10	Uncoated	#20-214	S\$56.00 Volume Pricing	20+ In Stock
50.00	-	0.10	Uncoated	#20-215	S\$60.90 Volume Pricing	17 In Stock



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