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ISP Optics Fused Silica Windows See More by [ISP Optics](#)



- Excellent Thermal Stability
- Low Auto-Fluorescence
- IR Grade Fused Silica

Common Specifications

Physical & Mechanical Properties			
Bevel:	Protective as needed	Clear Aperture (%):	85
Edges:	Fine Ground	Knoop Hardness (kg/mm ²):	522
Poisson's Ratio:	0.16	Young's Modulus (GPa):	73
Optical Properties			
Abbe Number (v _d):	67.8	Coating:	Uncoated
Index of Refraction (n _d):	1.458	Substrate:	Fused Silica
Surface Flatness (P-V):	1λ	Surface Quality:	40-20
Wavelength Range (nm):	200 - 3500		
Material Properties			
Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C):		0.52 (+5 to +35°C) 0.57 (0 to +200°C) 0.48 (-100 to +200°C)	
Density (g/cm ³):		2.20	

Technical Information

Products

Dia. (mm)	Thickness (mm)	Coating	Model Number	Stock Number	Price	Buy
#24-582 Clearance						
<div><div></div></div>						
Clearance						
Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.						
12.70	1.00	Uncoated	QI-W-12-1		€135,00	3-4 days
#24-583 Clearance						
<div><div></div></div>						
Clearance						
Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.						
12.70	2.00	Uncoated	QI-W-12-2		€135,00	3-4 days

[#24-584 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

1.00

Uncoated

QI-W-25-
1

€166,00

3-4 days

[#24-585 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

2.00

Uncoated

QI-W-25-
2

€166,00

3-4 days

[#24-586 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

3.00

Uncoated

QI-W-25-3

€166,00

3-4 days

[#29-950 New](#)



New

Launched on our website before appearing in our latest print catalogs. Be the first to buy before anyone else!

38.10

3.00

Uncoated

QI-W-38-3

€229,00

3-4 days

[#24-588 Clearance](#)



Clearance

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

50.80

3.00

Uncoated

QI-W-50-
3

€307,00

3-4 days

[#24-589 Clearance](#)



Clearance

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

50.80

5.00

Uncoated

QI-W-50-
5

€307,00

3-4 days

[#24-590 Clearance](#)



Clearance

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

63.50

6.00

Uncoated

QI-W-63-6

€406,00

3-4 days

[#24-591 Clearance](#)



Clearance

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

63.50

8.00

Uncoated

QI-W-63-8

€406,00

3-4 days



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