

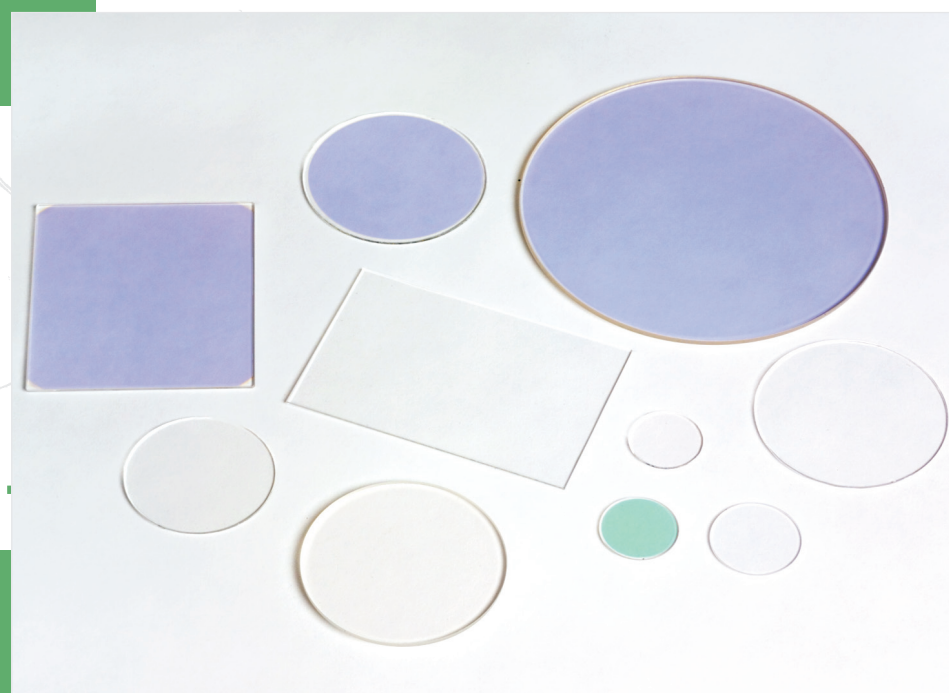


**LASER S.O.S. GROUP**

TECHNOLOGY AND MARKET DRIVEN COMPANY!

# LENS PROTECTIVE WINDOWS

Issue 3.



Intelligent Solutions, Manufacturing & Development

# LASER S.O.S. GROUP

TECHNOLOGY AND MARKET **DRIVEN COMPANY!**

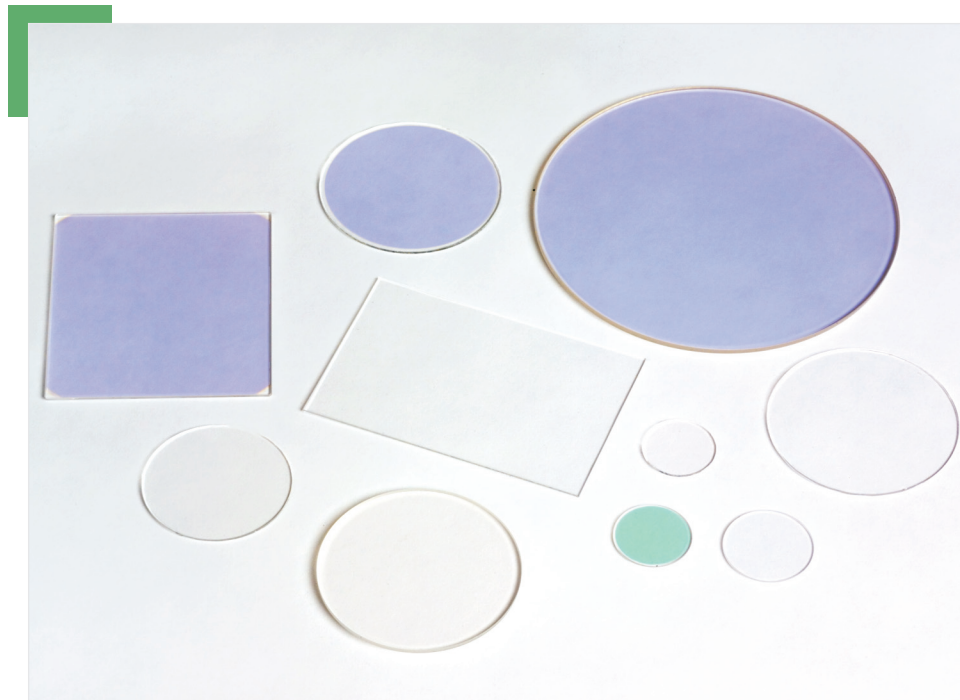
# CONTENTS

LENS PROTECTIVE WINDOWS .....	3
AB LASER INC. ....	4
ALPHA LASER.....	4
BAASEL .....	4
CONTROL LASER.....	4
ELECTROX.....	4
GENERAL SCANNING .....	4
HAAS LASER.....	4
JK LASERS JK701, 702, 703, 704, LUXSTAR, MULTIWAVE .....	5
LASAG.....	5
LUMONICS LUXSTAR MULTIWAVE.....	5
MIYACHI .....	6

ORZIV .....	6
QUANTRAD.....	6
QUANTUM LASER.....	6
RAYTHEON .....	6
ROFIN SINAR .....	6
SHARPLAN .....	6
SIEMENS .....	7
SPECTRON.....	7
SIRO LASER.....	7
TRUMPF.....	7
MISCELLANEOUS LENS PROTECTIVE WINDOWS.....	7
F-THETA LENS PROTECTIVE WINDOWS .....	9
RoHS and WEE conformity statements.....	11

# LENS PROTECTIVE WINDOWS

For Lamp and Diode Pumped Laser Systems



Laser S.O.S. Group provides a comprehensive range of lens protective windows for most laser applications.

Lens protective windows are recommended for shielding expensive focusing lenses from splatter and debris during laser processing.

A complete range of glass material with A/R coatings are available depending on the application. Should you not find your window listed, please contact our application laboratory with the physical dimensions of your window and advise the A/R coating.

## LENS PROTECTIVE WINDOWS

For Lamp and Diode Pumped Laser Systems

Item P/N	Description	Diameter, Ø, mm	Thickness t, mm	Coating	OEM P/N
<b>AB LASER INC.</b>					
PW1003AR1064	Protective Window	100	3	AR Coated @ 1064 nm	
PW1133	Protective Window	113	3	AR Coated @ 1064 nm	
PW2000	Protective Window	75	1.6	V-Coated @ 1064 nm	130200189
PW382AR	Protective Window	38	2	AR Coated @ 1064 nm	
<b>ALPHA LASER</b>					
PW382AR	Protective Window	38	2	AR Coated @ 1064 nm	
PW603AR	Protective Window	60	3	AR Coated @ 1064 nm	
<b>BAASEL</b>					
PW1003AR1064	Protective Window	100	3	AR Coated @ 1064 nm	
PW1133	Protective Window	113	3	AR Coated @ 1064 nm	
PW2000	Protective Window	75	1.6	V-Coated @ 1064 nm	130200189
PW382AR	Protective Window	38	2	AR Coated @ 1064 nm	
PW905AR	Protective Window	90	5	AR Coated @ 1064 nm	130200416
<b>CONTROL LASER</b>					
PW7000	Protective Window	82.5	3.25	AR Coated @ 1064 nm	38885
PW1693	Protective Window	169	3	AR Coated @ 1064 nm	
PW6000	Protective Window	70	3.25	AR Coated @ 1064 nm	
PW502	Protective Window	50	2	AR Coated @ 1064 nm	420050
<b>ELECTROX</b>					
PW2000	Protective Window	75	1.6	AR Coated @ 1064 nm	632-000-005
<b>GENERAL SCANNING</b>					
PW700	Protective Window	100	1.87	AR Coated @ 1064 nm	
PW1003AR1064	Protective Window	100	3	AR Coated @ 1064 nm	
PW1133	Protective Window	113	3	AR Coated @ 1064 nm	
<b>HAAS LASER</b>					
PW2715AR	Protective Window	27	1.5	AR Coated @ 1064 nm	
PW3015AR	Protective Window	30	1.5	AR Coated @ 1064 nm	
PW4015AR	Protective Window	40	1.5	V-Coated @ 1064 nm	

Item P/N	Description	Diameter, Ø, mm	Thickness t, mm	Coating	OEM P/N
PW5515AR	Protective Window	55	1.5	AR Coated @ 1064 nm	759720
PW303AR	Protective Window	30	3	AR Coated @ 1064 nm	
PW502AR940	Protective Window	50	2	AR Coated @ 1064 nm	
PW22415AR	Protective Window	22.4	1.5	AR Coated @ 1064 nm	770976, 777936

**JK LASERS JK701, 702, 703, 704, LUXSTAR, MULTIWAVE**

PW285I	Protective Window	28.5	1.15	Uncoated	834316-001
PW38I	Protective Window	38	1.15	Uncoated	12341220I
PW460AR	Protective Window	46	1.15	AR Coated @ 1064 nm	12210140A
PW540AR	Protective Window	54	1.15	AR Coated @ 1064 nm	1234123YA
PW540	Protective Window	54	1.15	Uncoated	12341230I
PW41I	Protective Window	41	1.15	Uncoated	834316-002
PWI0000	Protective Window	24	1.15	Uncoated	12200290A
PWI0000AR	Protective Window	24	1.15	AR Coated @ 1064 nm	
PW50I	Protective Window	50	1.15	Uncoated	
PW501AR	Protective Window	50	1.15	V-Coated @ 1064 nm	
PW45I	Protective Window	45	1.15	Uncoated	
PW300	Protective Window	20	1.15	AR Coated @ 1064 nm	
PW2530	Protective Window	25.3	1.15	AR Coated @ 1064 nm	
PW2300	Protective Window	23	1.15	Uncoated	
PWI900	Protective Window	19	1.15	Uncoated	
PWI900AR	Protective Window	19	1.15	AR Coated @ 1064 nm	12210040A
PWI010	Protective Window	10	1	Uncoated	
PWI010AR	Protective Window	10	1	AR Coated @ 1064 nm	
PW383AR	Protective Window	38	3	AR Coated @ 1064 nm	
PW765I	Protective Window	3"	1.15	Uncoated	

**LASAG**

PW254AR	Protective Window	25	4	AR Coated @ 1064 nm	64.050
PW30322	Protective Window	30	2	Uncoated	64.018
PW40I	Protective Window	40	1	AR Coated @ 1064 nm	
PW322	Protective Window	40	2	AR Coated @ 1064 nm	64.018
PW32I	Protective Window	30	2	AR Coated @ 1064 nm	

**LUMONICS LUXSTAR MULTIWAVE**

PW285I	Protective Window	28.5	1.15	Uncoated, 834316-001	12210420A
PW38I	Protective Window	28	1.15	Uncoated	12341220I
PW460AR	Protective Window	46	1.15	AR Coated @ 1064 nm	12210140A
PW540	Protective Window	54	1.15	Uncoated	12341230I
PW41I	Protective Window	41	1.15	Uncoated, 834316-002	122104430A
PWI0000	Protective Window	24	1.15	Uncoated	P59R3130X
PW540AR	Protective Window	54	1.15	AR Coated @ 1064 nm	1234123YA

# LENS PROTECTIVE WINDOWS

For Lamp and Diode Pumped Laser Systems

Item P/N	Description	Diameter, Ø, mm	Thickness t, mm	Coating	OEM P/N
<b>MIYACHI</b>					
PW3032I	Protective Window	30	1.15	Uncoated	475-087
PW50I	Protective Window	50	1.15	Uncoated	475-107
PW50IAR	Protective Window	50	1.15	AR Coated @ 1064 nm	475-108
<b>ORZIV</b>					
PW382VAR	Protective Window	38	2	V-Coated @ 1064 nm	
<b>QUANTRAD</b>					
PW4000	Protective Window	66×58	1.5	AR Coated @ 1064 nm	
<b>QUANTUM LASER</b>					
PW901002	Protective Window	13	2.54	AR Coated @ 1064 nm	
<b>RAYTHEON</b>					
PW272VAR	Protective Window	1.1"	2	AR Coated @ 1064 nm	
PW2700	Protective Window	1.1"	1.15	Uncoated	G113285P1
PW318170	Protective Window	1.25"	1.7	AR Coated @ 1064 nm	
PW1250	Protective Window	1.25"	1.15	Uncoated	
PW382AR	Protective Window	1.50"	2	AR Coated @ 1064 nm	
PW3800	Protective Window	1.50"	1.15	Uncoated	
PW45115VAR	Protective Window	45	1.15	V-Coated @ 1064 nm	
<b>ROFIN SINAR</b>					
PW503AR	Protective Window	50	3	AR Coated @ 1064 nm	
PW5015AR	Protective Window	50	1.5	AR Coated @ 1064 nm	
PW1004AR	Protective Window	100	4	AR Coated @ 1064 nm	
PW130200796	Protective Window	60	3	AR Coated 800-1000 nm	130200796
PW662AR800/980	Protective Window	66	2	AR Coated 800-1000 nm	
PW905AR	Protective Window	99	5	AR Coated @ 1064 nm	130200416
PW502	Protective Window	50	2	AR Coated @ 1064 nm	130200754
<b>SHARPLAN</b>					
PW1325AR800	Protective Window	13	2.54	AR 700-800 nm	

Item P/N	Description	Diameter, Ø, mm	Thickness t, mm	Coating	OEM P/N
<b>SIEMENS</b>					
PWI000	Protective Window	80	3	AR Coated @ 1064 nm	
<b>SPECTRON</b>					
PW404AR	Protective Window	40	4	V-Coated @ 1064 nm	650LP
<b>SIRO LASER</b>					
PW382AR	Protective Window	38	2	AR Coated @ 1064 nm	
<b>TRUMPF</b>					
PW2715AR	Protective Window	27	1.5	AR Coated @ 1064 nm	
PW3015AR	Protective Window	30	1.5	AR Coated @ 1064 nm	
PW4015AR	Protective Window	40	1.5	AR Coated @ 1064 nm	
PW5515AR	Protective Window	55	1.5	AR Coated @ 1064 nm	759720
PW303AR	Protective Window	30	3	AR Coated @ 1064 nm	
PW502AR940	Protective Window	50	2	AR Coated @ 1064 nm	
PW22415AR	Protective Window	22.4	1.5	AR Coated @ 1064 nm	770976, 777936
<b>MISCELLANEOUS LENS PROTECTIVE WINDOWS</b>					
PWI2000	Protective Window	3" X 2"	1.15"	Uncoated	
PWI51ARI064	Protective Window	15	1	AR 1064/633	
PWI618VAR	Protective Window	16	1.8	V-Coated @ 1064 nm	
PWI72/755	Protective Window	17	2	V-Coated @ 755 nm	
PW2030FS	Protective Window	2"	3	AR Coated @ 1064 nm	
PW23115AR	Protective Window	23	1.15	AR Coated @ 1064 nm	
PW241ARFS	Protective Window	24	1	AR Coated @ 1064 nm	
PW251ARI064	Protective Window	25	1	AR Coated @ 1064 nm	
PW253	Protective Window	25	3	Uncoated	
PW253AR	Protective Window	25	3	AR Coated @ 1064 nm	
PW253AR/POL	Protective Window	25	3	AR Coated @ 1064 nm	
PW253FS	Protective Window	25	3	Fused Silica, Uncoated	
PW2543	Protective Window	1"	3	Uncoated	
PW3516AR	Protective Window	35	1.6	AR Coated @ 1064 nm	
PW3800ARI064	Protective Window	38	1.2	AR Coated @ 1064 nm	
PW382AR532	Protective Window	38	2	AR Coated @ 532 nm	
PW382UNC	Protective Window	38	2	Uncoated, B270	
PW382VAR	Protective Window	38	2	V-Coated @ 1064 nm	
PW384AR	Protective Window	38	4	V-Coated @ 1064 nm	
PW502	Protective Window	50	2	AR Coated @ 1064 nm	
PW505	Protective Window	50	5	AR Coated @ 1064 nm	
PW540	Protective Window	54	1.15	Uncoated	

# LENS PROTECTIVE WINDOWS

For Lamp and Diode Pumped Laser Systems

Item P/N	Description	Diameter, Ø, mm	Thickness t, mm	Coating	OEM P/N
PW59I	Protective Window	59	1.15	Uncoated	
PW59IAR	Protective Window	59	1.15	AR Coated @ 1064 nm	

If your Protective Window is not listed please provide us with window diameter, thickness & A/R coating requirements.



Item P/N	Description	Diameter, Ø, mm	Thickness t, mm	Coating	OEM P/N
<b>F-THETA LENS PROTECTIVE WINDOWS</b>					
AB Laser; Alltec; Baasel; Baublys; Cheval Lasers; Control Lasers; E.O. Technics; ElectroX; Foba; Fotona; General Scanning; Gretag; GSI Lumonics; Haas; Hahn & Kolb; HK Technologies; Innolas; Kooky; Laser Identification Systems; Laser Optronics; Lasit; Laserval; N.W.L.; Quartrad; Rofin Baasel; Rofin Sinar; S.E.I.; S.H.T.; Siemens Silamatic; Siro; Trumpf; U.L.S.; Zanoboni					
PW6000	Protective Window	70	3.25	V-Coated @ 1064 nm	
PW2000	Protective Window	75	1.6	V-Coated @ 1064 nm	
PW755ARFS	Protective Window	75	5	V-Coated @ 1064 nm	
PWI1000	Protective Window	80	3	V-Coated @ 1064 nm	
PW7000	Protective Window	82.5	3.25	V-Coated @ 1064 nm	
PW8418	Protective Window	84	1.8	V-Coated @ 1064 nm	
PW905AR	Protective Window	90	5	V-Coated @ 1064 nm	
PW700	Protective Window	100	1.87	V-Coated @ 1064 nm	
PWI003ARI064	Protective Window	100	3	V-Coated @ 1064 nm	
PWI004AR	Protective Window	100	4	V-Coated @ 1064 nm	
PWI121ARI064	Protective Window	112	1	V-Coated @ 1064 nm	
PWI123	Protective Window	112	3	V-Coated @ 1064 nm	
PWI133	Protective Window	113	3	V-Coated @ 1064 nm	
PWI2018AR	Protective Window	120	1.8	V-Coated @ 1064 nm	
PWI224	Protective Window	122	4	V-Coated @ 1064 nm	
PWI693	Protective Window	169	3	V-Coated @ 1064 nm	
PW452/532	Protective Window	45	2	V-Coated @ 532/1064 nm	
PW6516/532	Protective Window	65	1.6	V-Coated @ 532/1064 nm	
PW7516/532	Protective Window	75	1.6	V-Coated @ 532/1064 nm	
PW823/532	Protective Window	82	3	V-Coated @ 532/1064 nm	
PW933/532	Protective Window	93	3	V-Coated @ 532/1064 nm	
PW963/532	Protective Window	96	3	V-Coated @ 532/1064 nm	
PWI053/532/1064	Protective Window	105	3	V-Coated @ 532/1064 nm	
PWI233/532	Protective Window	123	3	V-Coated @ 532/1064 nm	
PW422/330	Protective Window	42	2	V-Coated @ 308-355 nm (Centered @ 330 nm)	
PW7315/330	Protective Window	73	1.5	V-Coated @ 308-355 nm (Centered @ 330 nm)	
PWI153/330	Protective Window	115	3	V-Coated @ 308-355 nm (Centered @ 330 nm)	
PW7315/266	Protective Window	73	1.5	V-Coated @ 266 nm	
PWI153/266	Protective Window	115	3	V-Coated @ 266 nm	
PW371/808	Protective Window	37	1	V-Coated @ 808/940 nm (BBAR for NIR)	
PW6516/808	Protective Window	65	1.6	V-Coated @ 808/940 nm (BBAR for NIR)	
PW7516/808	Protective Window	75	1.6	V-Coated @ 808/940 nm (BBAR for NIR)	
PW933/808	Protective Window	93	3	V-Coated @ 808/940 nm (BBAR for NIR)	

# LENS PROTECTIVE WINDOWS

For Lamp and Diode Pumped Laser Systems

Item P/N	Description	Diameter, Ø, mm	Thickness t, mm	Coating	OEM P/N
PW1233/808	Protective Window	123	3	V-Coated @ 808/940 nm (BBAR for NIR)	
PW422/193	Protective Window	42	3	V-Coated @ 193/248 nm	
PW376/400	Protective Window	37	6	V-Coated @ 400–700 nm (BBAR)	
PW452/400	Protective Window	45	2	V-Coated @ 400–700 nm (BBAR)	
PW2851VC	Protective Window	285	1	V-Coated @ 1064nm	

If your F-Theta Lens Protective Window is not listed please provide us with dimensions and A/R coating requirements.

## RoHS and WEE conformity statements

As a company, Laser SOS actively embraces its legal and environmental obligations outlined by the WEEE and RoHS directives. We see these regulations as a positive and responsible change to protect the environment.



### RoHS

All products that are subject to the European Community directive 2002/95/EC supplied by Laser SOS from 1st July 2006 are compliant with the requirements. Such products are marked with the RoHS symbol (adjacent).



### WEEE

All products that are subject to the WEEE Directive 2002/96/EC supplied by Laser SOS from 13th August 2005 are compliant with the WEEE marking requirements. Such products are marked with the “crossed out wheelie bin” WEEE symbol shown on the left in accordance with European Standard EN 50419. Our WEEE Producer registration number is WEE/EF0248QZ.



## LASER S.O.S. GROUP

TECHNOLOGY AND MARKET **DRIVEN COMPANY!**

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