









HOYA Filters Comparison chart

-UV, Protector series

Series		HD nano	HD	FUSION Antistatic	PRO1D	HMC UV (O)	HMC UV(C)
Package							 (JPN) (PHL)
Glass	Glass	<ul style="list-style-type: none"> • Optical Glass • 9H Super Hardness 	<ul style="list-style-type: none"> • Optical Glass • 9H Super Hardness (UV, Protector) 	<ul style="list-style-type: none"> • Optical Glass 	<ul style="list-style-type: none"> • Optical Glass 	<ul style="list-style-type: none"> • Optical Glass 	<ul style="list-style-type: none"> • General Glass
	Surface Polish	Yes	Yes	Yes	Yes	Yes	No
Coating		<ul style="list-style-type: none"> • Ultra-hard nano, AR, Water & Oil Repellent, Scratch & Stain Resistant • 800% more scratch resistant 	<ul style="list-style-type: none"> • AR, Water & Oil Repellent, Stain Resistant 	<ul style="list-style-type: none"> • AR, Water & Oil Repellent, Antistatic 	<ul style="list-style-type: none"> • Anti-Reflection 	<ul style="list-style-type: none"> • Anti-Reflection 	<ul style="list-style-type: none"> • Anti-Reflection
UV Cut Point		• L37 (370nm)	• L37 (370nm)	• L39 (390nm)	• L39 (390nm)	• L39 (390nm)	• L35 (350nm)
Thread on the frame tip		Yes	Yes	Yes	Yes	Yes	Yes
Frame Surface Finish	UV	Mat	Mat	37-82: Mat, 86-105: Gloss	Mat	Mat	Mat
	Protector	Mat	Mat	37-82: Mat, 86-105: Gloss	Mat	-	-
Frame Height	[mm]	6.3	6.3	6.3 - 9.2	6.3	6.3	6.3
Available Size	[mm]	52/55/58/62/67/72/77/82	37/40.5/43/46/49/52/55/58/58/62/67/72/77/82	37/40.5/43/46/49/52/55/58/62/67/72/77/82/86/95/105	37/39(UV)/40.5/43/46/49/52/55/58/62/67/72/77/82	37/40.5/43/46/49/52/55/58/62/67/72/77/82/86/95	37/39/40.5/43/46/49/52/55/58/62/67/72/77/82

HOYA Filters Comparison chart

•CPL series

Series		HD nano	HD	FUSION Antistatic	PRO1D	General CPL	HRT CPL & UV
Package							
Glass	Glass	•General Glass	•General Glass	•General Glass	•General Glass	•General Glass	•General Glass
	Surface Polish	Yes	Yes	Yes	Yes	Yes	Yes
Coating		•Urtla-hard nano, AR, Water & Oil Repellent, Scratch & Stain Resistant •200% more scratch resistant	•AR, Water & Oil Repellent, Stain Resistant	•AR, Water & Oil Repellent, Antistatic	•Anti-Reflection	•Non Coat	•Non Coat
Polarizing Film		25% Lighter film	25% Lighter film	General Polarizing film	General Polarizing film	General Polarizing film	25% Lighter film
Thread on the frame tip		Yes	Yes	Yes	Yes	Yes	Yes
Frame Surface Finish		Gloss	Gloss	37-82: Mat, 86-105: Semi-gloss	Mat	Mat	Gloss
Frame Height	[mm]	7.0	7.0	6.8 - 14.5	6.8 - 7.45	6.8 - 7.45	7.85 - 9.5
Avairable Size	[mm]	52/55/58/62/67/72/77/82	37/40.5/43/46/49/52/55/58/62/67/72/77/82	37/40.5/43/46/49/52/55/58/62/67/72/77/82/86/95/105	37/39(UV)/40.5/43/46/49/52/55/58/62/67/72/77/82	37/40.5/43/46/49/52/55/58/62/67/72/77/82/86/95	37/46/49/52/55/58/62/67/72/77/82

HOYA Filters Function chart

HOYA UV filters

	Optical Glass	Hardened Glass	Powered coating	Antistatic coating	AR coating	Water repellent coating	Both side coating	Sharply cut UV curve
HD nano	✓	✓	✓		✓	✓	✓	✓
HD	✓	✓			✓	✓	✓	✓
FUSION Antistatic	✓			✓	✓	✓	✓	✓
Pro1D	✓				✓		✓	✓
HMC UV (O)	✓				✓		✓	✓
HMC UV (C)					✓		✓	
HRT CPL & UV								

AR: Anti reflection

HOYA Circular-PL filters

	High transparency polarizing film	Normal polarizing film	Powered coating	Antistatic coating	AR coating	Water repellent coating	UV cut
HD nano	✓		✓		✓	✓	✓
HD	✓				✓	✓	✓
FUSION Antistatic		✓		✓	✓	✓	
Pro1D		✓			✓		
HRT CPL & UV	✓						✓
CPL Slim		✓					
PL (Linear)		✓					

AR: Anti reflection