



Resin & Mineral Ophthalmic Lenses

UNCUT AND GLAZED CATALOGUE (UNPRICED)



THE NORVILLE GROUP



Norville operates as an independent family business from our Gloucester prescription hub, supported by our three other prescription processing locations regionally.

Norville takes great pride in utilising the latest communication, design and CNC production equipment and blending this with traditional craft skills to ensure that your glazed prescription spectacles or uncuts are of the best cosmetic and optical finish. We remain at the forefront of prescription lens developments and their associated in-house hardcoating, reflection-free and Easy Clean top-coat technologies, as well as anti-fogging and Reactolite processes. We operate a freeform state-of-the-art HD lens production centre at Gloucester for both resin & glass HD spectacle lenses. The latter being one of one here in the UK.

Norville team members are all very mindful that quality of customer service is our paramount objective. If at any time I or my colleagues can be of assistance, please do not hesitate to make personal contact.

Joseph G Norvelle.

GUIDE TO SYMBOLS

GENERAL INFORMATION



STOCK FINISHED single vision lens option



AUTOSELECT

Short and Long Corridor - design computer selection determined by FITTING HEIGHT



specified



VARIABLE INSET 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering



Special order / hand working additional delay shown in working days



New product listing



High addition availability



Available as a wrap lens +8.00 base or higher limited Rx range ±4D

3DFR

Computer lens codes 4 digit alpha/numeric. Complete alphabetical listing is available on our website





T N/A Tint not available



Available tinted to the darkest L.T.F. stated



Reflection-free MAR coat not possible

DIGITAL SURFACING

Inner Surface High Definition design



Double Front & Back Lens Surfaces High Definition design



Inner Surface Atoric

ISB

Inner Surface Bifocal

ISM

Inner Surface Multifocal

ISP

Inner Surface Progressive ULTOR is available in

General Outdoor Desk Sportor



SENTOR is available in

General Outdoor



VECTOR

DIGITOR are available in **G**eneral Only **PARAGON**

Other specialist progressives as named.







group			
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SUPPLEMENTARY PROCESSING







Gives you the option of a fully compensated prescription, on any HD lens type. Please send the following information when you require this option:



BVD measurements (showing trial and as worn distance)



Pantoscopic tilt angle

Dihedral (wrap) angle

Norville will calculate the change to your prescription when taking all of the above into account, we will print out this "compensated prescription" at the end of the process for you to verify against. If uncut lenses are required, please supply shape, centration details and frame dimensions, in addition to above.

All Sportor/SportPal lenses will require this calculation to be undertaken so please supply the additional information at the time of ordering.

SLIM EDGE PRODUCTION (S.E.P.)

(Previously **RECRE**)



Available on all prescriptions, across all indices, including wrap designs, when ordered with any HD free-form, S.E.P. process allows the reduction of edge thickness on all powers from 5 to 20% depending on the degree of reduction of the central visual field. This process can also be used on wrap minus lenses to reduce the temporal edge thickness, which becomes more visually apparent when a steeper than normal front curve is used. Mainly used for minus Rxs, this process can also be very effective with plus Rxs.

BLENDED EDGE (High Minus)

SUPER-LENTI



Available as a lens type in 1.60, 1.67, 1.74 & 1.76 index up to -28.00 in both single vision and as a supplementary process on any mid/high index HD progressive up to -18.00. This process is a more intrusive lens edge blend reduction encompassing the whole circumference, therefore reducing the usable viewing area to between 30 – 42 mm, dependent on prescription. Norville would suggest this process is only used for higher index lens types where the minus power is in excess of -14.00. Lens edge thickness reduction will be in excess of 30% around the circumference of the finished lens. We can use a more visible (comfy thin finish) to achieve greater edge reduction.

EXTRA LARGE DIAMETER

XXL



Available on all HD single vision and HD progressive lens types, especially Sportor & SportPal. This additional manufacturing process allows us, by bodily decentring the optical centre, to increase the effective diameter of an HD lens up to 100mm. This process will allow you to offer much larger spectacle frames to your patients than previously considered possible and always with the correct optical centration. Of course the physics of optics still applies and the larger the lens diameter the thicker it needs to be, so we suggest that you take this into account when determining the index of lens material you order. Of course, you can also add S.E.P. thickness reduction process into the equation.

INDIVIDUAL NV INSETS



Available on all HD Progressives. Individual near vision insets from 0.5 to 5.00 mm in each eye. So, whether you would like to increase or decrease the overall reading inset, or if you believe the patient would benefit from differing insets, please state your requirement at time of ordering.

For your monocular Pxs with zero inset requirement specify MonoPal. Available in break resistant Trivex, Poly, XT16 and Tribrid.

Norville

ADDITIONAL ORDERING INFORMATION

PPL & ISP CORRIDOR LENGTHS - AUTOSELECT

Confused which corridor length to select? - then just leave it to the Norville computer!

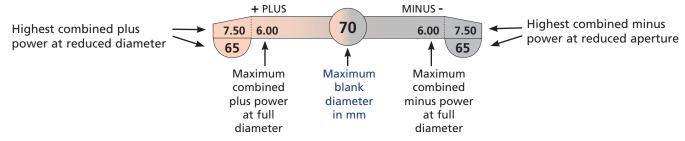
After the input of all decentration and height setting information overlaid on the lens shape the unique Norville lens design software will then **autoselect** the appropriate progression length - when free-form is available in individual 2mm steps. You don't even have to think about it. Should there be insufficient distance or reading remaining we will advise of alternative options.



The number appearing under the autoselect icon is the shortest fitting height recommended for that particular design. Please also allow a minimum of 10mm from the top rim when choosing your frame otherwise the user's distance portion will be insufficient for happy vision.

POWER BAR

Our prescription range indicator bar.



NB: Powers are in dioptres, diameters in mm. Pink indicates plus power, grey indicates minus.

IMPORTANT: When the Effective Diameter of your frame is <u>less</u> than the diameters shown, it is usually possible to extend beyond the quoted powers. Generally, as lens power increases, so the diameter proportionally reduces.

SUBSTANCE

We will always produce your lenses to the smallest diameter coincident to the frame size and decentration requirements. This will ensure the **minimum centre substance** and thus the **minimum edge substance** available on all lens products unless coded S which indicates the more economically priced stock lens diameters. For certain plus powers this may result in over-thick edge substances when glazed. Unless your order states "use stock lenses" or "stock 65mm" we will deliver Better Substance by custom lens production at the appropriate extra charge without further reference.

BLANK DIAMETER

The number shown in the "headlight" of the power bar is the maximum diameter available (semi-finished blank). Every surfaced lens can be customised to any smaller diameter down to 55mm at no additional charge.

LENS CYLINDER POWER AVAILABILITY

"Any sphere with any cylinder falling within total power stated on bar"

Our Rx programme is based on total power. Forget the complications of the cylinder, just transpose plus powers into minus cylinder form, minus powers into plus cylinder form. Compare this resulting sphere power against the prescription range indicator bar. If the power falls within the bar then we can make it! Including any cylinder power. Most stock lenses have restricted cylinder availability, indicated by the words opposite cyls to 2.00 or similar under the power bar. Custom production of a surfaced lens usually overcomes this limitation, certainly up to a 6.00 cyl and often far beyond, depending on the semi-finished blank thickness availability.



Finished Plano Lenses

	(I	RESIN PLANC	FINISHED —		Per Lens	Per Lens
LENS CODE	Type Transmission Tint/Coating		Diameter x Thickness	Base Curve	UNCUT	GLAZED
	PLANO WHITE					
PCOQ	WHITE 1.50 Resin UNC		65 x 2.0mm	600		
PSF4	WHITE 1.50 Resin UNC		65 x 2.2mm	400		
P806	WHITE 1.50 Resin UNC		80 x 1.9mm	600		
PSM5	WHITE 1.50 Resin RF		65 x 2.0mm	600		
PFLA	WHITE 1.50 Resin UNC		75 x 2.0mm	Flat		
PFP	WHITE 1.50 Resin UNC		75 x 3.5mm	Flat		
PLC8	WHITE 1.50 Resin UNC		74 x 3.2mm	800 WRAP		
P808	WHITE 1.50 Resin UNC		80 x 1.9mm	800 WRAP		
PUVW	WHITE 1.50 Resin + UV400 NEW		74 x 2.0mm	400		
SUVW	WHITE 1.50 Resin + UV400		74 x 2.0mm	600		
PSVC	WHITE 1.50 Resin + UV400		74 x 2.0mm	800 WRAP		
TRH6	WHITE TRIVEX HC		75 X 2.0mm	600		
TRT6	WHITE TRIVEX HC		75 X 2.3mm	600		
TRA6	WHITE TRIVEX RF		75 X 2.0mm	600		
TRH8	WHITE TRIVEX HC		75 X 2.3mm	800 WRAP		
TRA8	WHITE TRIVEX RF		75 X 2.3mm	800 WRAP		
	PLANO MONO TINT					
SUVB	1.50 Resin BROWN 15% LT + UV		74	600		
SUVG	1.50 Resin GREY 15% LT + UV		74	600		
SUVR	1.50 Resin GREEN 15% LT + UV		74	600		
	POLARISED					
LITE	1.50 Resin NUPOLAR 35% GREY 1		75	625		
POLA	1.50 Resin NUPOLAR 15% GREY 3,	•		625		
POL6	1.50 Resin POLARISED GREY/GREEN		80	600		
POL8	1.50 Resin POLARISED GREY/GREEN	/BROWN	80	800 WRAP		
TRNS	TRIVEX NUPOLAR GREY/BROWN 3		75	625		
	PHOTOCHROMIC					
TRAP/TRAB	TRANSITIONS GREY/BROWN 1.50		70	500		
TXX	TRANSITIONS XTRActive GREY/BROV	WN 1.50	65	500		
SUS+	SUNSENSOR GREY/BROWN 1.56		70	500		
	POLARISED PHOTOCHROMIC					
DRWT	TRIVEX DRIVEWEAR NUPOLAR TRAI	NSITIONS INAR	74	625		
	RESIN MIRROR					
PSBM	BLUE MIRROR 1.50 Resin	INAR/G15	74	600		
PSCM	COPPER MIRROR 1.50 Resin	INAR/B15	74	600		
PSEM	GREEN MIRROR 1.50 Resin	INAR/G15	74	600		
PSRM	RED MIRROR 1.50 Resin	INAR/B15	74	600		
PSSM	SILVER MIRROR 1.50 Resin	INAR/G15	74	600		
PSYM	YELLOW MIRROR 1.50 Resin	INAR/B15	74	600		
PSPM	PURPLE MIRROR 1.50 Resin	INAR/B15	74	600		
	DECINI MARTI MIDDOD					
PMMB	RESIN MATT MIRROR BLUE MATT MIRROR 1.50 Resin	C15	74	600		
PMMG	GOLD MATT MIRROR 1.50 Resin	G15	74 74			
1		B15		600		
PMMN	GREEN MATT MIRROR 1.50 Resin	G15	74 74	600		
PMMP PMMS	PURPLE MATT MIRROR 1.50 Resin SILVER MATT MIRROR 1.50 Resin	B15 G15	74 74	600 600		
1 1411413	S.EVER HINTE MIRRIOR 1.50 RESIL	3.5	, ,	500		
	PLEASE NOTE THAT UNCUT PLAN	O LENSES CAN	BE ORDERED THRO	UGH NLS		

Speciality Finished Plano Lenses

	RESIN SPECIALITY	Y TRANSMISSI	ON)	Per Lens	Per Lens			
LENS CODE	Type Transmission Tint/Coating	Diameter x Thickness	Base Curve	UNCUT	GLAZED			
MESH	VISTA-MESH 1.56 90% LT RF	70	600					
BTS	BLUTECH BT66 1.56 63% LT RF	75	400					
MULB	MAXBLINK 1.58 74% LT RF	76	400					
BTP	BLUTECH BT70 1.58 86% LT RF	76	400					
NCNC	NEO CONTRAST A1 1.60	75	450					
NHNS	NEO CONTRAST A2 1.60	75	450					
REZA-L	READ-EZ VISUAL STRESS RANGE 1.50 (A to L Colours	65	400					
MEZA-L	(MA to ML colours	s) 65	400					
RESIN OCCLUDERS								
PFRO	1.50 Resin FROSTED	65						
POCC	1.50 Resin OCCLUDER BLACK	65						

Glass Plano & Speciality Finished Plano Lenses

	MINE	RAL GLAS	S PLANO FINISH	ED)		
LENS CODE	Type Transmission Tint/Coating		Diameter x Thickness	Base Curve	Per Lens UNCUT	Per Lens GLAZED
	PLANO WHITE					
GS	WHITE GLASS		65 x 2.0mm	550		
GS	WHITE GLASS		70 x 2.0mm	550		
GS	WHITE GLASS		65 x 3.3mm	600		
	PLANO TINT					
SLG GR	3 GREY 15 FIXED TINT	15%	70 X 2.1mm	600		
SLG BR	3 BROWN 15 FIXED TINT	15%	70 X 2.1mm	600		
SLG YE	3 YELLOW CONTRAST FIXED TINT	82%	71 X 1.9mm	600		
	GLASS PHOTOCHROMIC					
SLG PE	3 SPRINT GREY PHOTOCHROMIC	90% TO 8%	71 X 1.9mm	600		
	GLASS POLARISED PHOTOCHR	OMIC				
SLP CO	3 POLAR COPPER PHOTOCHROMIC		71 X 2.4mm	600		
SLP PE	3 POLAR GREY PHOTOCHROMIC	24% TO 9%	71 X 2.4mm	600		
		VINERAL G	GLASS WAFERS			
BIWA	WHITE CROWN 30mm RD BIFOCAI Adds +1.50 to 3.00	L WAFER	66 x 1.6mm	FLAT		
		GLASS (OCCLUDERS			
GFRO	3 GLASS FROSTED		70			
	GLAS	S SPECIAL	ITY TRANSMISSI	ON		
GXR	X RAY FILTER RWB-46 1.76 87%		73 x 2.5mm	600		
GFC DI	NEW DID 46%		70 x 2.5mm	600		

Plano wafers priced as surfaced Rx power equivalent.

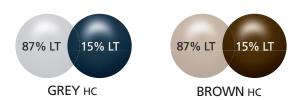
^{*}For exact stock range availability and volume (10 +) uncut pricing please refer to our NLS Finished Stock Lens Catalogue or see online - www.norville.co.uk

	RESIN SPECIALITY SINGLE VISION						
LENS CODE	LENS CODE						
FREN	FRESNEL PRESS ON <i>PRISM</i> LENSES 62mm						
	Prism Dioptres 1.00, 2.00, 3.00, 4.00, 5.00, 6.00, 7.00, 8.00, 9.00 10.00, 12.00, 15.00, 20.00, 25.00, 30.00, 35.00, 40.00						
FREP	FRESNEL PRESS ON ASPHERIC PLUS LENSES 62mm						
	Power Dioptres +0.50, +1.00, +1.50, +2.00, +2.50, +3.00, +3.50, +4.00, +5.00, +6.00, +7.00, +8.00, +10.00, +12.00, +14.00, +16.00						
FREM	FRESNEL PRESS ON ASPHERIC <i>MINUS</i> LENSES 62mm						
	Power Dioptres -1.00, -2.00, -3.00, -4.00, -5.00, -6.00, -7.00, -8.00, -9.00, -10.00, -11.00, -12.00, -13.00, -14.00						



Reactolite® Resin Photochromic Availability Quick Guide





Availability indicated by overcoloured lens code

e.g. PSS+

Reactolite® can be provided at those prices listed on page 131.



Manufactured in Gloucester UK











RESIN LENSES 1.50 INDEX

NORLITE 1.50 RESIN

 $Reactolite^{\circ}$

NuPolar

NUPOLAR infinite - NuPolar CHROMATIC

Transiti@ns[®]

Transitions GEN8

Transitions XTRActive

Transitions Vantage

Transiti@ns[®] **DRIVEWEAR**[®]

1.498

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58

Abbe

1.3g/cm³

Density

350nm

UV

1.50

RESIN SINGLE VISION FINISHED STOCK

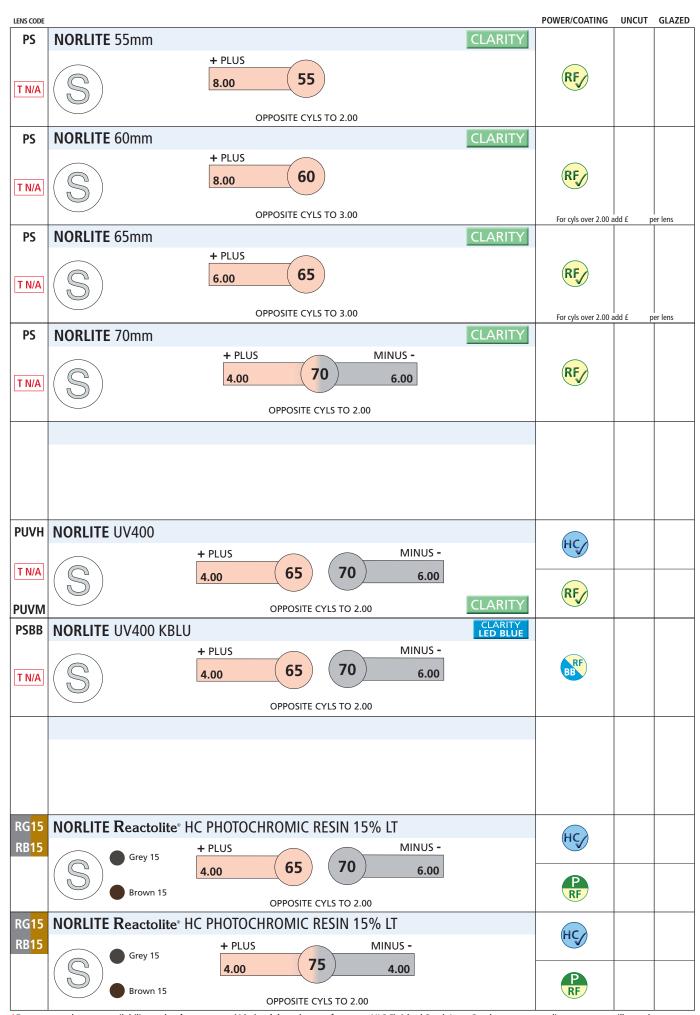


LENS CODE			POWER/COATING U	NCUT GLAZED
PS	NORLITE 50mm	+ PLUS	UNC	
	(S)	8.00 4.00 50 OPPOSITE CYLS TO 2.00	HC	
PS	NORLITE 55mm	+ PLUS	UNC	
	S	6.00 Plano 55 OPPOSITE CYLS TO 2.00	HC	
PS	NORLITE 55mm	+ PLUS	UNC	
	(S)	8.00 6.25 55 OPPOSITE CYLS TO 2.00	HC	
PS	NORLITE 60mm		(UNC)	
	S	+ PLUS 6.00 Plano 60	For cyls over 2.00 add	E per lens
		OPPOSITE CYLS TO 3.00	For cyls over 2.00 add :	E per lens
PS	NORLITE 60mm		(UNC)	
	S	+ PLUS 8.00 6.25 60	For cyls over 2.00 add	E per lens
		OPPOSITE CYLS TO 3.00	For cyls over 2.00 add	E per lens
PS	NORLITE 65mm		(UNC)	
	S	+ PLUS MINUS - 6.00 65 6.00	For cyls over 2.00 add	
PS	NORLITE 70mm	OPPOSITE CYLS TO 4.00 CYLS OVER 3DC	For cyls over 2.00 add	£ per lens
		+ PLUS MINUS - 6.00 6.00	(UNC)	
		Note: HC to +4.50 sphere only OPPOSITE CYLS TO 2.00	HC	
PS	NORLITE 75mm			
	$\overline{\mathbb{S}}$	+ PLUS MINUS - 4.00 4.00	UNC	
		OPPOSITE CYLS TO 2.00		

^{*}For exact stock range availability and volume uncut (10+) pricing please refer to our NLS Finished Stock Lens Catalogue or see online - www.norville.co.uk

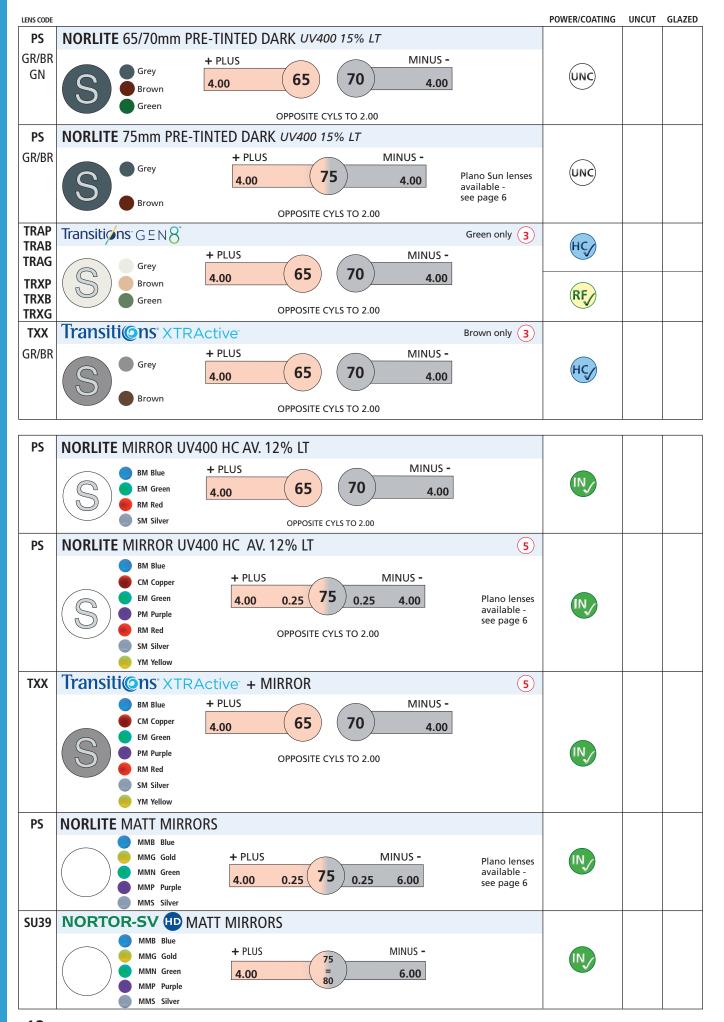


RESIN SINGLE VISION FINISHED STOCK



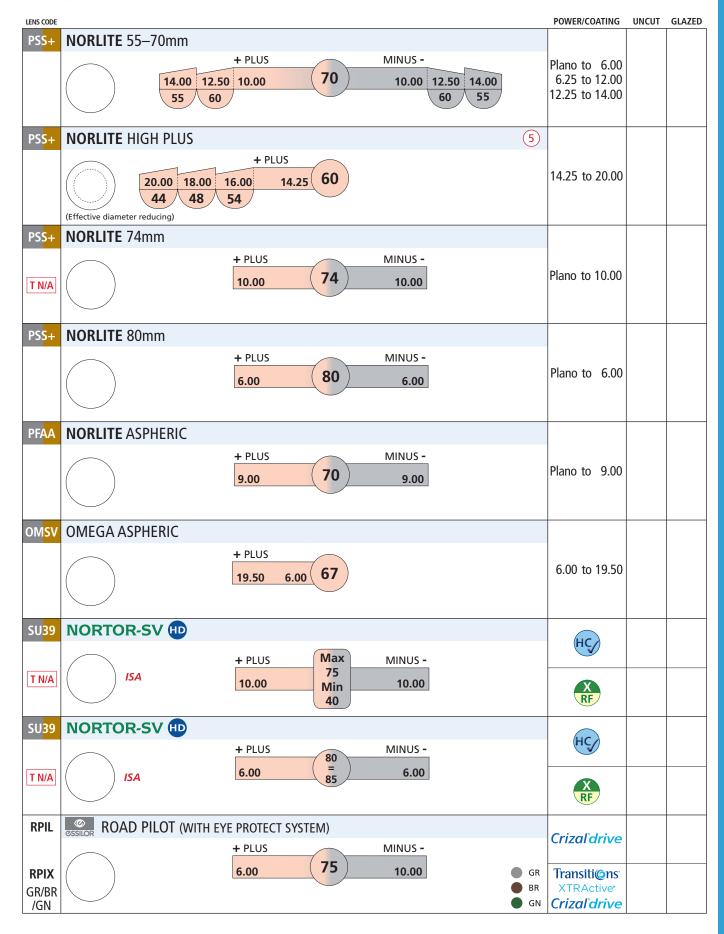
RESIN SINGLE VISION FINISHED STOCK







RESIN SINGLE VISION SURFACED



1.50

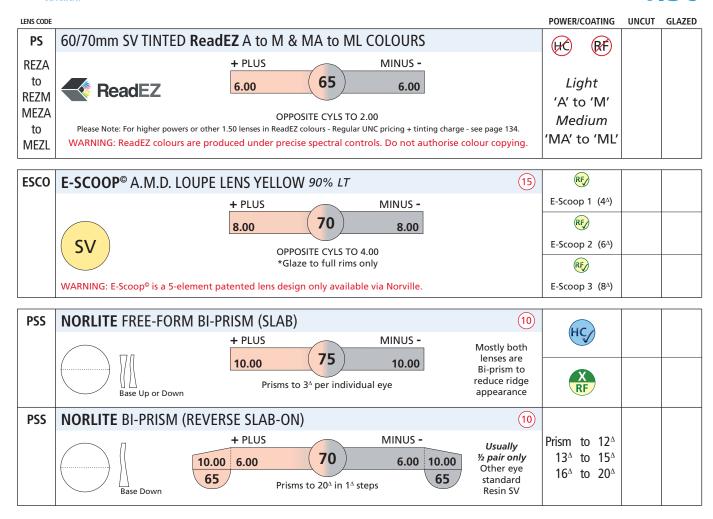
RESIN LENTICULAR PLUS & MINUS SINGLE VISION



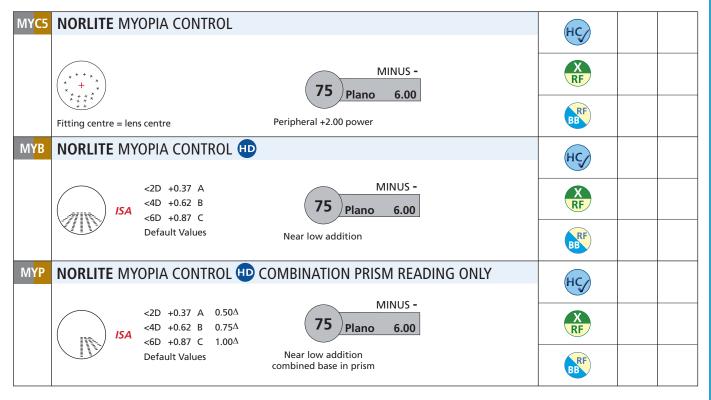
LENS CODE		POWER/COATING	UNCUT	GLAZED
PA38	NORLITE 38mm LENTICULAR			
	+ PLUS 18.00 10.00 68	10.00 to 14.00 14.25 to 18.00		
PAL	NORLITE 42mm LENTICULAR ASPHERIC			
	+ PLUS 20.00 10.00 67	10.00 to 14.00 14.25 to 20.00		
PA34	NORLITE 34mm LENTICULAR (10)			
	+ PLUS 34mm button reducing Over 30.00 27mm (PA27) Over 40.00 20mm (PA20) Over 40.00 20mm (PA20)	10.00 to 14.00 14.25 to 22.00 22.25 to 34.00 34.25 to 48.00		
PA <mark>50</mark>	NORLITE 50mm LENTICULAR 10			
	+ PLUS 15.00 6.00 70	6.00 to 9.75 10.00 to 15.00		
IGAH	ASPHERIC HYPEROCULARS 49mm & 65mm 10			
T N/A	49mm POWERS IN DIOPTRES 4x = +17.69 5x = +23.90 6x = +28.06 8x = +39.14 34mm button 49mm POWERS IN DIOPTRES 4x = +17.69 5x = +23.90 6x = +28.06 8x = +39.14 10x = +55.7012x = +71.36 34mm button	4X 5X 6X 8X 10X 12X		
PSS-	NORLITE BI-CONCAVE			
	-2.75 -4.50 -6.25 -8.25 -10.25 BASES MINUS - 65 5.00 11.50 20.00	5.00 to 9.75 10.00 to 14.00 14.25 to 20.00		
RS <mark>L5</mark>	NORTOR-SV (ID) SUPER-LENTI (10)			
	MINUS - 65 10.00 18.00	10.00 to 14.00 14.25 to 18.00		
PL30	NORLITE CUSTOM APERTURE LENTIC (10)			
	Convex thickness reduction State required aperture MINUS - 65 10.00 25.00	10.00 to 14.00 14.25 to 25.00		
FT16	NORLITE CUSTOM MYOPLET LENTIC 10			
	Plano flattening State required aperture MINUS - 65 14.00 25.00	14.00 to 25.00		



RESIN SPECIALIST SINGLE VISION



MYOPIA CONTROL*



[★] Special Note: Norville recommend viewing our Myopia Control spectacle lens booklet before prescribing.

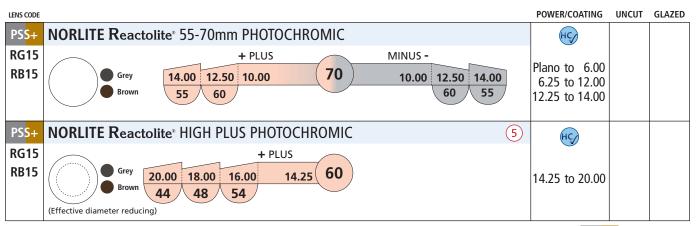
With few published clinical outcomes for Myopia Control spectacle lenses, The Norville Group can take no responsibility for individual Px results. Optometrists are recommended to follow College of Optometrists prescribing guidelines for Myopia Control spectacle lenses.

Similarly Dispensers, the A.B.D.O. Myopia management position paper.

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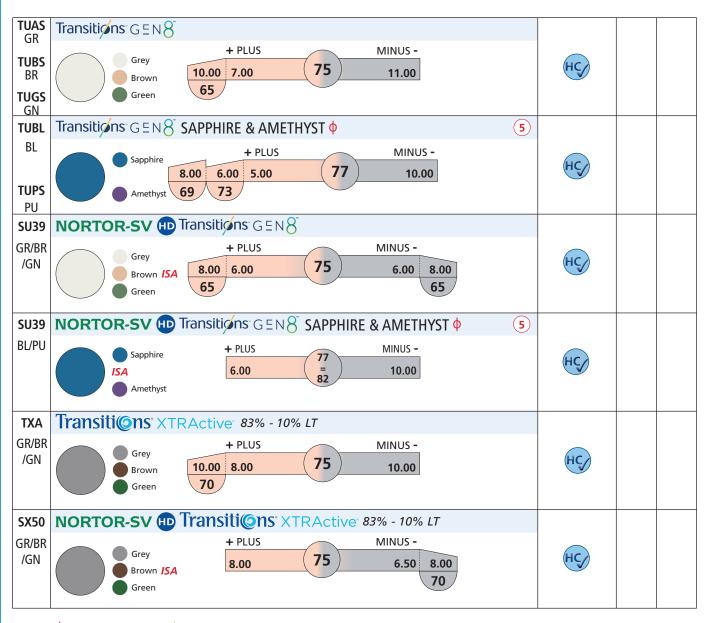
RESIN Reactolite® SINGLE VISION





For other Reactolite lens options please see separate listing or look for headers colour marked as example: PSS+

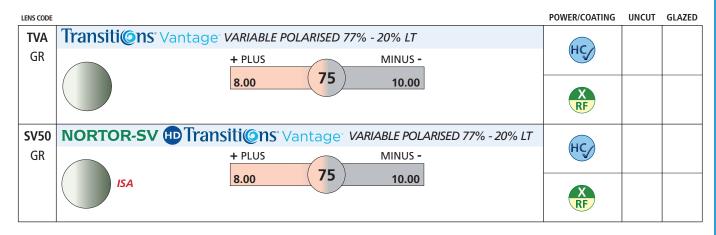
RESIN Transitions



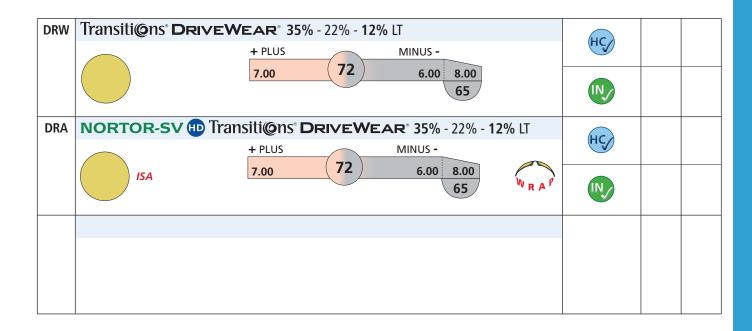
◆ Please Note: Transitiøns in new Sapphire & Amethyst colours is a semi-finished product and is available in any \bigoplus Rx product or multifocal marked with the G \subseteq N \bigotimes logo.



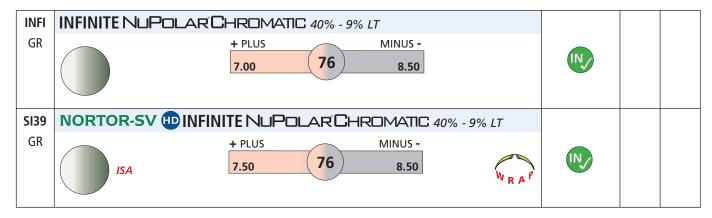
RESIN VARIABLE POLARISED SINGLE VISION



RESIN **DRIVEWEAR** SINGLE VISION



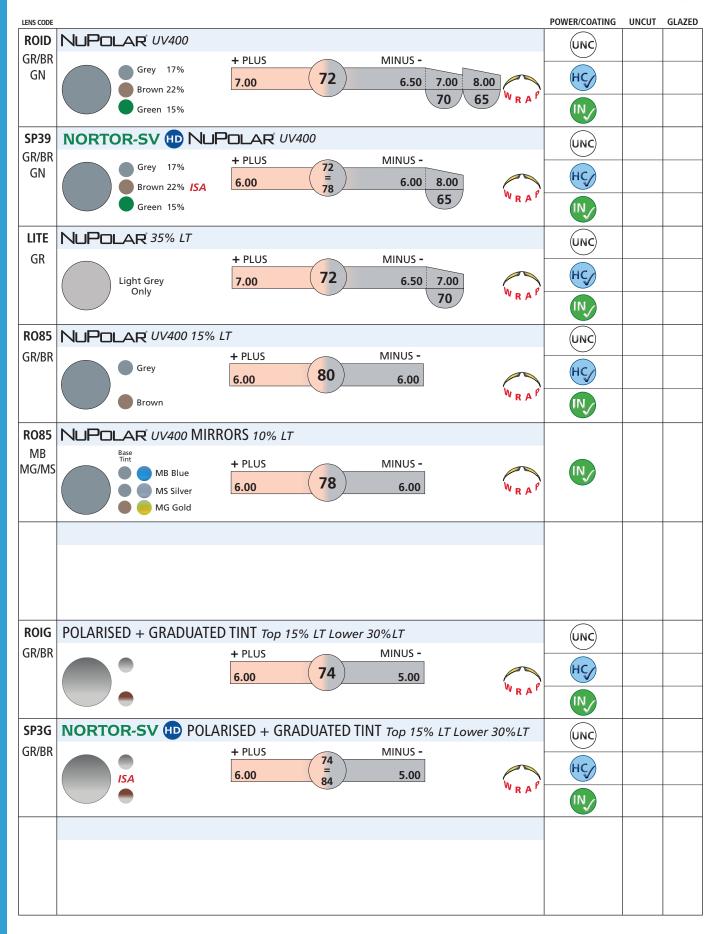
RESIN PHOTOCHROMIC NUPOLAR



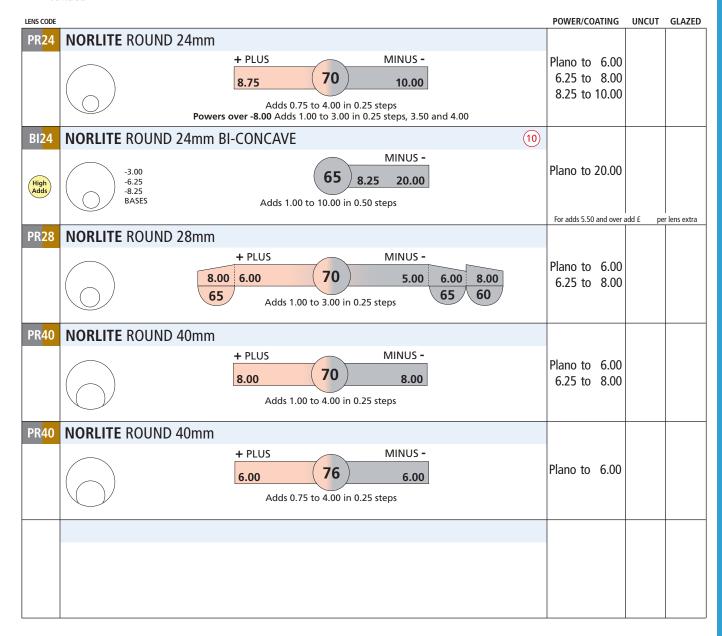
Special Note: NLPDLAR 35% & INFINITE can be overtinted to most darker colours <35% LT e.g. Blue, Dark Pink

RESIN SINGLE VISION POLARISED

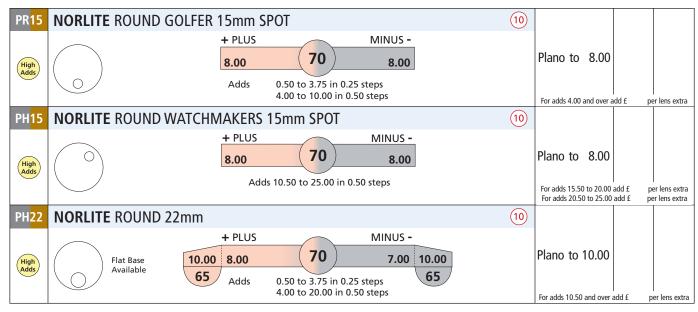




RESIN BIFOCALS



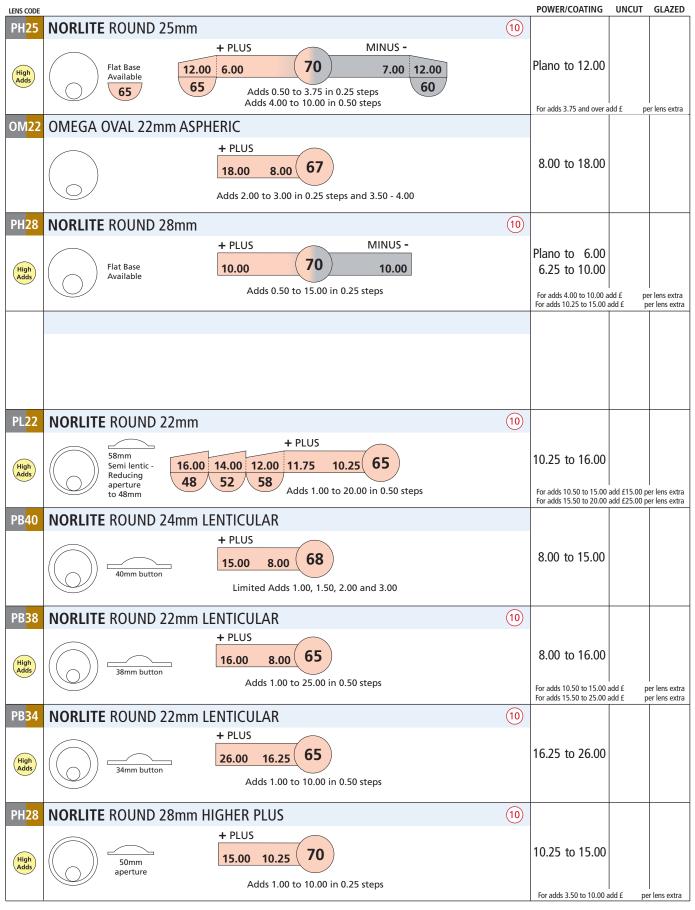
RESIN **SPECIALIST ROUND** BIFOCALS



1.50

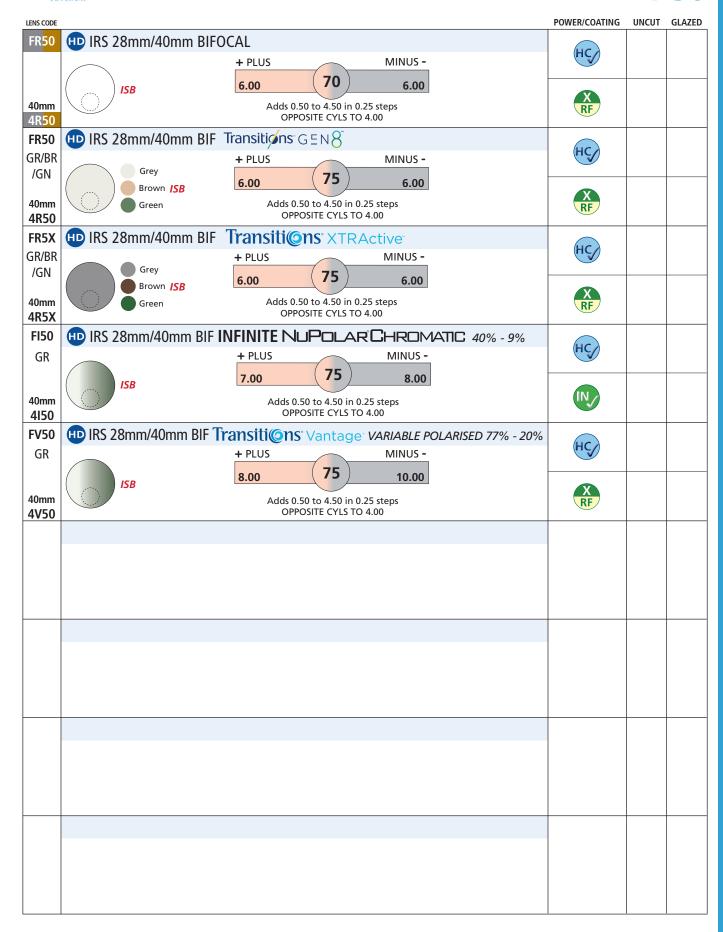
RESIN HIGHER POWERS ROUND BIFOCALS





 $\hbox{Overcoloured background } \hbox{indicates } \hbox{\bf Reactolite} \hbox{$^\circ$ availability quick guide or see separate catalogue }$





RESIN HD HSA 28mm RD MULTIFOCAL



LENS CODE			POWER/COATING	UNCUT	GLAZED
QU <mark>39</mark>	HD HSA 28mm RD MULTIF	OCAL			
		+ PLUS MINUS -	HC		
		8.00 (70)			
	ISM		X		
	17mm	Adds 0.50 to 4.50 in 0.25 or 0.10 steps OPPOSITE CYLS TO 4.00	RF		
QU39	HSA 28mm RD MULTIF	OCAL Transitions GENS			
GR/BR	HISA ZOMMI KO WICEM	+ PLUS MINUS -	HC		
/GN	Grey	75			
	Brown ISM	6.00 (75) 6.00			
	Green	Adds 0.50 to 4.50 in 0.25 or 0.10 steps OPPOSITE CYLS TO 4.00	RF		
	17mm				
QX39	HSA 28mm RD MULTIF	OCAL Transitions XTRActive	HCA		
GR/BR	Grey	+ PLUS MINUS -			
/GN	Brown ISM	6.00 (75)	_		
	Green	Adds 0.50 to 4.50 in 0.25 or 0.10 steps	X RF		
	17mm	OPPOSITE CYLS TO 4.00	NF		
QUDR	HD HSA 28mm RD MULTIFO	CAL Transiti@ns [®] DRIVEWEAR ®			
		+ PLUS MINUS -	HC		
		6.00 (72)			
	ISM	0.00	IN		
	17mm	Adds 0.50 to 4.50 in 0.25 or 0.10 steps OPPOSITE CYLS TO 4.00			
QP39		OCAL NUPOLAR POLARISED UV400 15% LT	_		
GR/BR	113A ZOIIIII NO MOLIII		HC		
/GN	Grey	+ PLUS MINUS -			
7011	Brown ISM	6.00			
	Green	Adds 0.50 to 4.50 in 0.25 or 0.10 steps	IN.		
	17mm	OPPOSITE CYLS TO 4.00			
Q139	HD HSA 28mm RD MULTI IN	FINITE NUPOLAR CHROMATIC 40% - 9% LT	(HC)		
GR		+ PLUS MINUS -	The state of the s		
	ISM	7.00 (75) 8.00			
	1510	Adds 0.50 to 4.50 in 0.25 or 0.10 steps	IN		
	17mm	OPPOSITE CYLS TO 4.00			
$\overline{}$			I.		

RESIN FLAT TOP BIFOCALS



LENS CODE		POWER/COATING	UNCUT	GLAZED
S28A	NORLITE FLAT TOP 28mm + PLUS 9.00 Adds 0.50 to 4.00 in 0.25 steps	Plano to 6.00 6.25 to 8.00 8.25 to 10.00		
S28A	* PLUS MINUS - 7.00 75 8.00 Adds 0.75 to 4.00 in 0.25 steps	Plano to 6.00 6.25 to 8.00		
S28A	NORLITE FLAT TOP 28mm + PLUS 6.00 80 8.00 Adds 0.75 to 4.00 in 0.25 steps	Plano to 8.00		
S28Y High Adds	**PLUS MINUS - 4.00 80 5.50 PLUS POWERS - Adds 4.50 to 6.00 in 0.50 steps MINUS POWERS - Adds 4.50 to 8.00 in 0.50 steps	Plano to 5.50		
T28P GR T28B BR	Transitions: G = N 8 FLAT TOP 28mm + PLUS MINUS - 7.00 6.00 75 8.00 10.00 Adds 1.00 to 3.00 in 0.25 steps	Plano to 6.00 6.25 to 10.00		
GR High Adds T28B BR	Transitions: G = N 8 FLAT TOP 28mm + PLUS 6.50 Adds 3.50 to 5.00 in 0.50 steps	HC		
S28X GR/BR	Transitions XTRActive FLAT TOP 28mm 83% - 10% LT + PLUS MINUS - 7.00 76 8.00 Adds 1.00 to 3.00 in 0.25 steps	HC		
PODS GR/BR	HUPOLAR FLAT TOP 28mm 15% LT + PLUS MINUS - 7.00 76 6.75 8.00 Adds 0.75 to 4.00 in 0.25 steps	Plano to 8.00		
DR28	Transiti@ns° DRIVEWEAR° FLAT TOP 28mm 35% - 22% - 12% LT + PLUS 6.00 74 7.50	HC		
	Adds 1.00 to 3.00 in 0.25 steps			

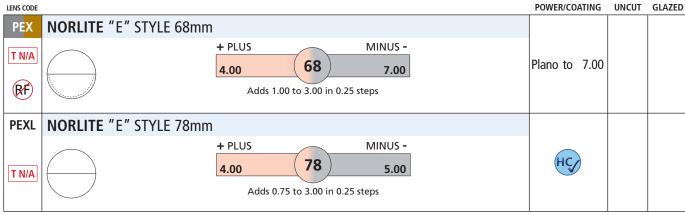
RESIN FLAT & CURVE TOP BIFOCALS



LENS CODE			POWER/COATING	UNCUT	GLAZED
S35A	NORLITE FLAT TOP 35mm				
	+ PLUS MINUS - 6.00 70 7.50 Adds 1.00 to 3.00 in 0.25 steps		Plano to 7.50		
S35A	FLAT TOP 35mm				
	+ PLUS MINUS - 7.00 5.00 76 7.00 Adds 0.75 to 4.00 in 0.25 steps		Plano to 7.00		
S35Y	NORLITE FLAT TOP 35mm	10			
High Adds	+ PLUS MINUS - 4.00 80 5.50 PLUS POWERS - Adds 4.50 to 6.00 in 0.50 steps MINUS POWERS - Adds 4.50 to 8.00 in 0.50 steps		Plano to 5.50		
S35P	Transiti@ns ⁻ FLAT TOP 35mm				
GR S35B	+ PLUS MINUS - 6.50 78 5.00 Brown Adds 0.75 to 4.00 in 0.25 steps		HC		
BR					
PS35	1 101 3511111 1570 E1	10			
GR	+ PLUS MINUS - 7.00 Adds 0.75 to 4.00 in 0.25 steps		Plano to 7.00		
S45A	* PLUS MINUS - 6.50 80 4.50 Adds 0.75 to 3.00 in 0.25 steps		Plano to 6.50		
S45A	Transiti@ns FLAT TOP 45mm				
GR/BR	+ PLUS MINUS - 6.50 80 4.50 Brown Adds 0.75 to 3.00 in 0.25 steps		HC		
C28A	NORLITE CURVE TOP 28mm				
	+ PLUS MINUS - 7.00 70 8.00 Adds 1.00 to 3.50 in 0.25 steps		Plano to 6.00 6.25 to 8.00		
C28P	Transitions GEN8 CURVE TOP 28mm	5			
GR	+ PLUS MINUS - 7.00 8.00		HC		
C28B BR	Adds 1.00 to 3.50 in 0.25 steps		For adds 3.25 and over a	dd £ pe	er lens extra

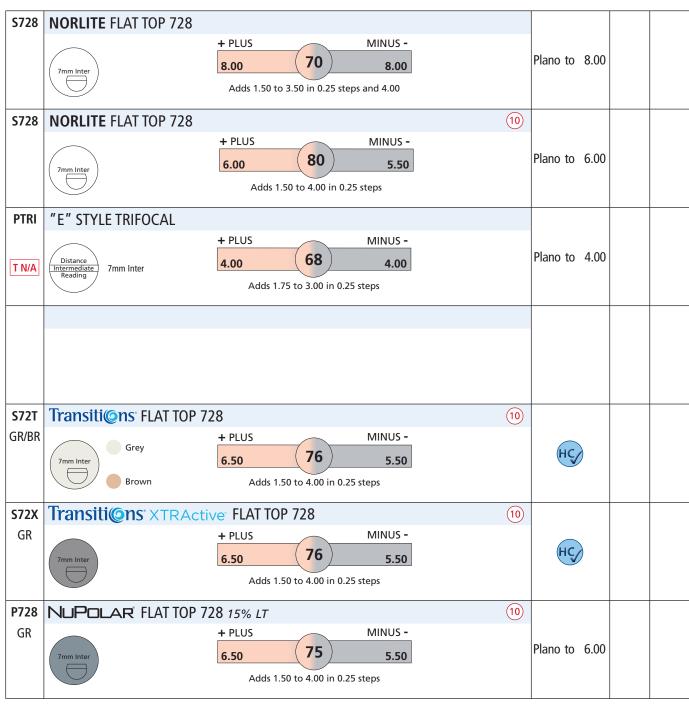


RESIN BIFOCALS



Please note: For tinted E style please specify n=1.67 page 101

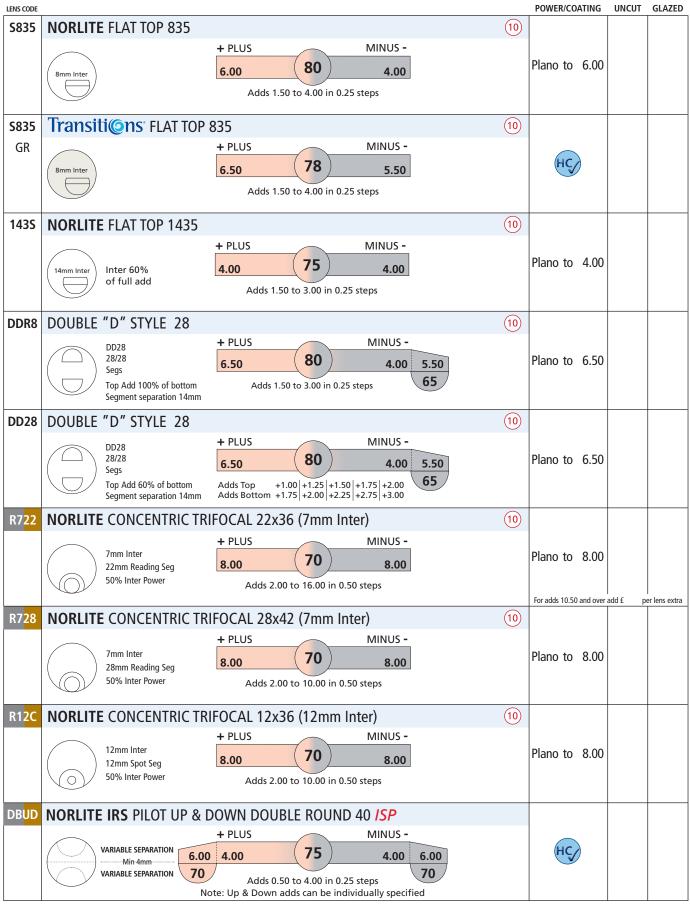
RESIN TRIFOCALS



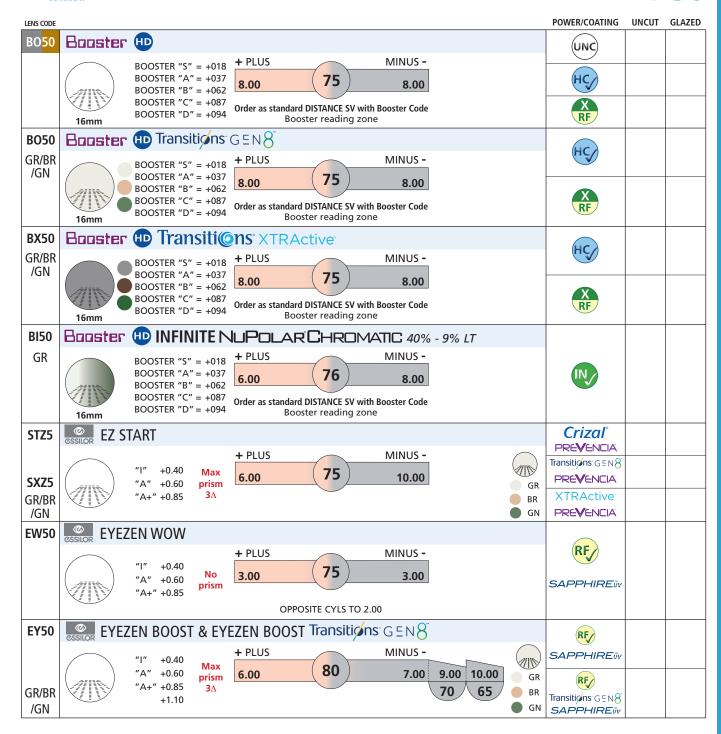
1.50

RESIN TRIFOCALS

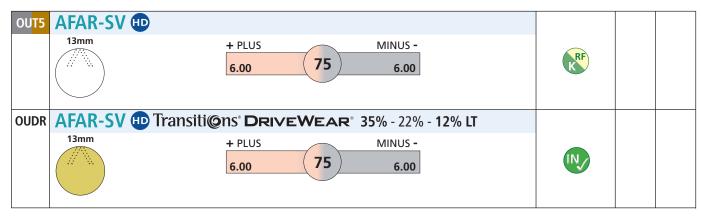




Overcoloured background indicates **Reactolite**® availability quick guide or see separate catalogue

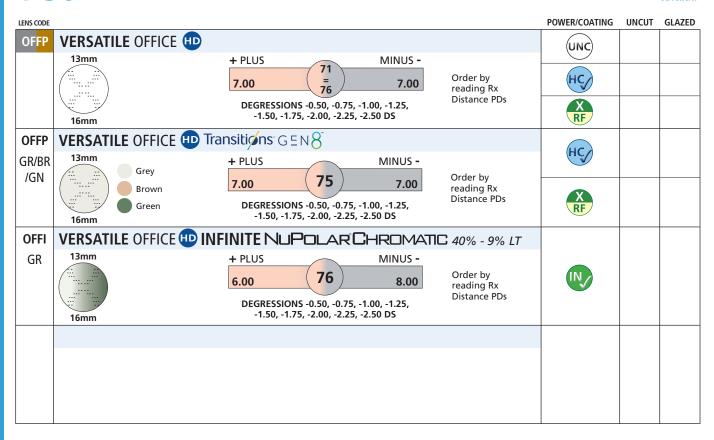


RESIN HD DISTANCE MYOPIA ZONE

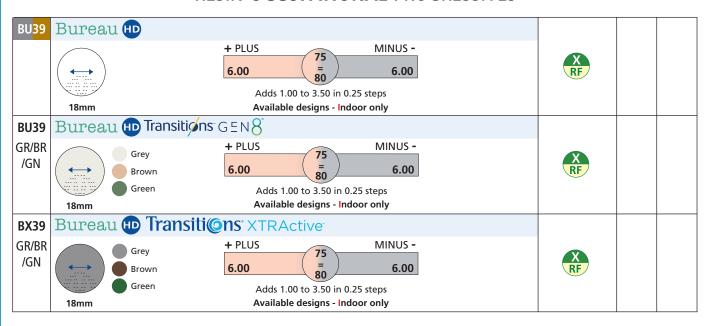


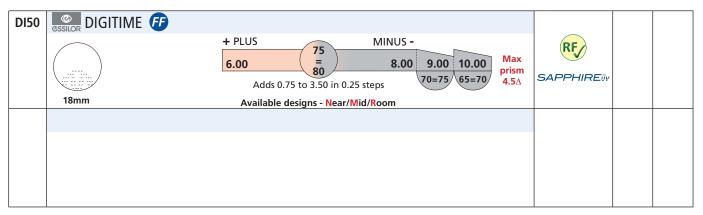
RESIN **DEGRESSIVES** (ENHANCED NEAR VISION)





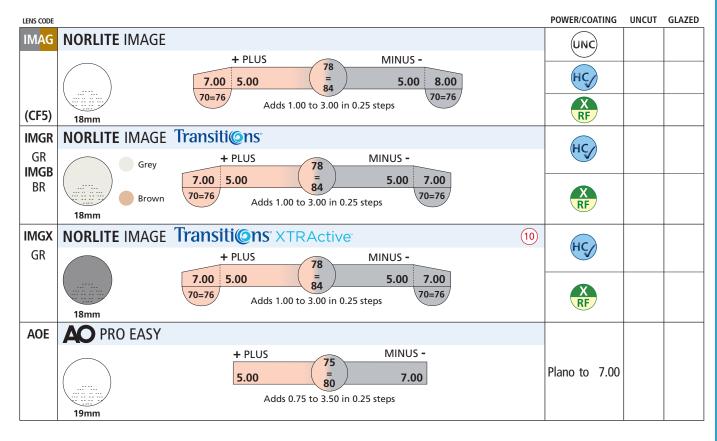
RESIN **OCCUPATIONAL** PROGRESSIVES



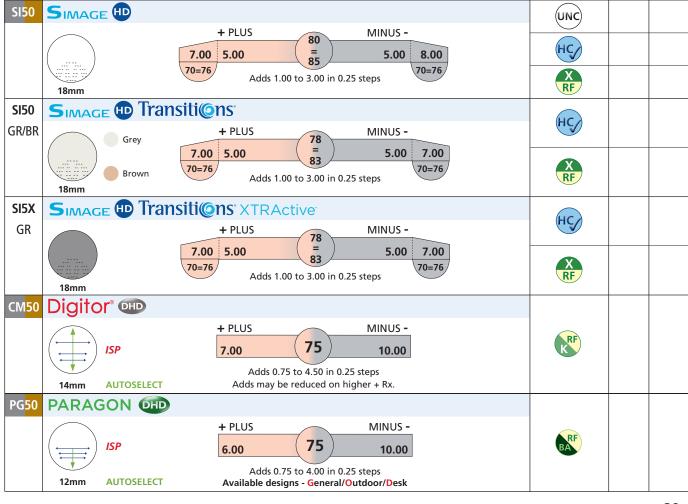




RESIN PROGRESSIVES



RESIN HD PROGRESSIVES







LENS CODE							POWER/COATING	UNCUT	GLAZED
VU39	VECTOR	& ∀ECTOR EXTRA	SHORT 🕕				(UNC)		
	1		+ PLUS		MINUS -				
T20%	()	ISP	6.00	75	6.00	Max prism	HC		
	15mm	AUTOSELECT		to 3.50 in 0.25		3∆	X		
NU <mark>39</mark>	VXS 11mm	<u> </u>	Available de	esigns - <mark>G</mark> ener	al only				
MODE	ULTOR TO		+ PLUS		MINUS -		(UNC)		
		ISP	8.00	75	8.00		HC		
		131		80 to 4.50 in 0.25					
	14mm	AUTOSELECT	Available design	ıs - General/O	utdoor/Desk		RF		
SN39	SENTO	R 🕕					(UNC)		
	A		+ PLUS	75	MINUS -				
		ISP	8.00	80	8.00		HC		
				to 4.00 in 0.25			X		
MOFO	14mm	AUTOSELECT	Available desi	igns - <mark>G</mark> eneral	/ <mark>O</mark> utdoor		Nr.		
MO <mark>50</mark>	SCREE	N HD	+ PLUS		MINUS -		HC		
		160	8.00	75 =	8.00				
		ISP		80 to 4.00 in 0.25			X		
	14mm	AUTOSELECT		ı - Mobile Use			RF		
YW39	FREEW	VAY IID							
			+ PLUS	75	MINUS -				
		ISP	6.00	= 80	6.00		RF		
			Adds 0.75 1	to 3.50 in 0.25	steps				
OCTE	18mm	DICTANICE NAVOD	ΙΛ						
OS <mark>T5</mark>	13mm	DISTANCE MYOP			NAINII IC				
			+ PLUS	75	MINUS -		RF		
		ISP	6.00		6.00				
	18mm		Adds 0.50	to 4.50 in 0.25	5 steps				
RU39	RESOL	VE 🕕					(UNC)		
	A		+ PLUS	75	MINUS -				
		ISP	6.00	80	6.00		HC		
	44	AUTOCELECT	Adds 0.75 t	to 4.50 in 0.25	steps		X		
MU <mark>50</mark>	14mm	PAL HD							
IVIO	MONO	PAL	+ PLUS		MINUS -		(UNC)		
		ISP	6.00	75	6.00		HC		
				80 - 0 3E					
	18mm		Adds 0.75 t	to 3.50 in 0.25	steps		RF		
1							1	l	I

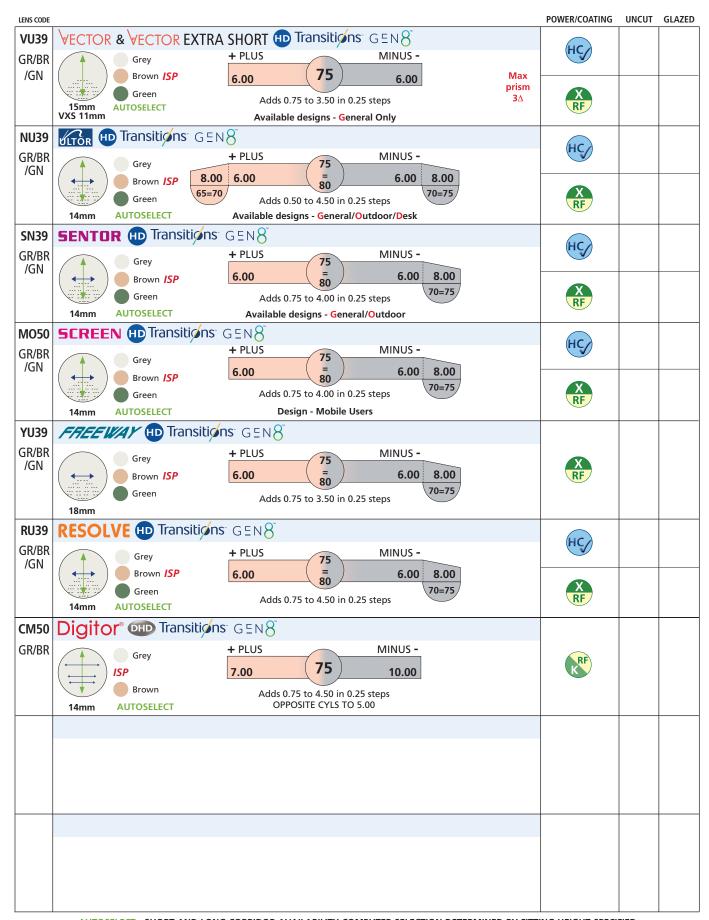
AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.



RESIN HD PROGRESSIVES Transitions GEN8





AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

RESIN HD PROGRESSIVES Transitions

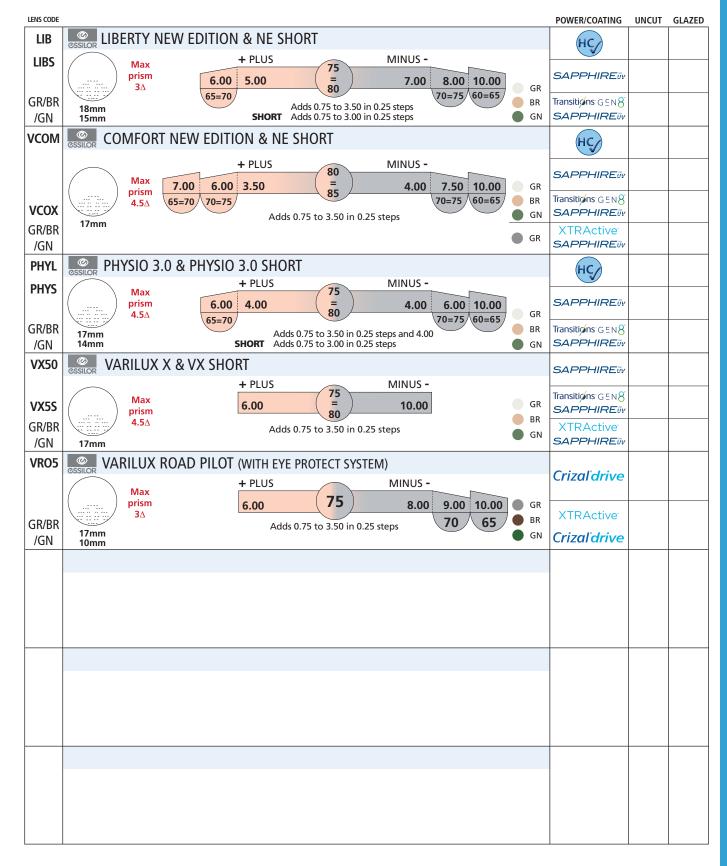


LENS CODE		POWER/COATING	UNCUT	GLAZED
NX39	Transitions XTRActive	l (uc)		
GR/BR	+ PLUS MINUS -	l little		
/GN	Brown ISP 8.00 6.00 = 6.00 8.00			
	Green Adds 0.50 to 4.50 in 0.25 steps	RF		
	14mm AUTOSELECT Available designs - General/Outdoor/Desk			
SN3X	SENTOR ID Transitions XTRActive + PLUS MINUS -	HC		
GR/BR /GN	Grey 75			
,	80 0.00 0.00 70=75	X		
	14mm AUTOSELECT Available designs - General/Outdoor	RF		
МОЗХ	SCREEN HD Transitions XTRActive			
GR/BR	+ PLUS MINUS -	HC		
/GN	Grey 6.00 8.00			
	Brown <i>ISP</i> Green Adds 0.75 to 4.00 in 0.25 steps	X		
	14mm AUTOSELECT Design - Mobile Users	RF		
YX39	FREEWAY Transitions XTRActive			
GR/BR	+ PLUS MINUS -			
/GN	Provin ISB = 6.00 8.00	RF		
	Green Adds 0.75 to 3.50 in 0.25 steps			
	18mm			
RX39	RESOLVE Transitions XTRActive	HC		
GR/BR	Grey + PLUS MINUS -			
/GN	Brown <i>ISP</i> = 6.00 8.00			
	Adds 0.75 to 4.50 in 0.25 steps	RF		
CLAEV	14mm AUTOSELECT Automobile 150 m 5125 steps			
CM5X	Digitor Transitions XTRActive			
GR/BR	+ PLUS MINUS -	RF		
	7.00 75 10.00	K		
	Adds 0.75 to 4.50 in 0.25 steps 14mm AUTOSELECT OPPOSITE CYLS TO 5.00			
	14IIIII AOTOSEECI			

AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

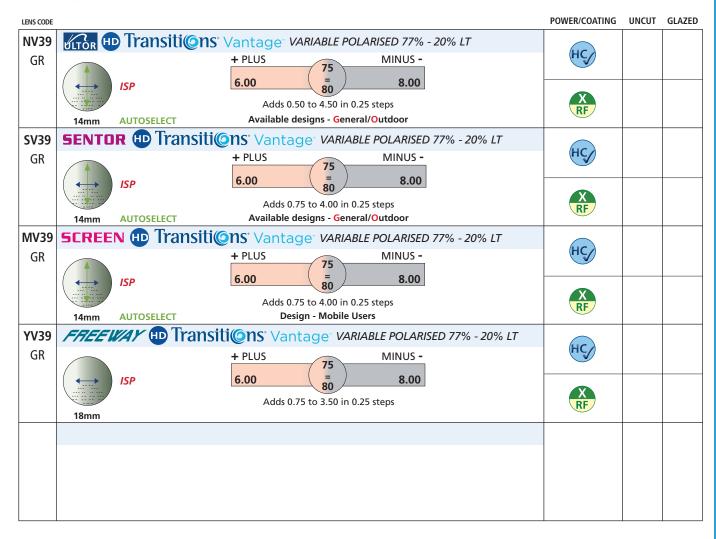




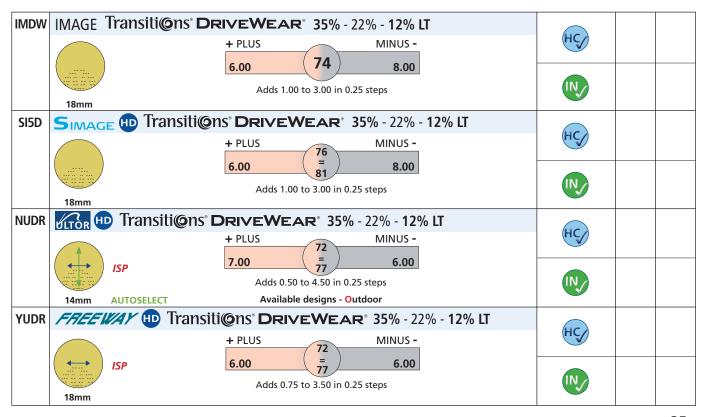




			POWER/COATING	UNCUT	GLAZED
HOYA LIFESTYLE 3			HC		
	75		S H-V		
	0.00	GR			
14mm	Available designs - Urban/Indoor/Outdoor	BR	SENSITY •		
HOYA BALANSIS			HC		
	+ PLUS MINUS -				
()	0.00		RF		
14mm	Adds 0.75 to 3.50 in 0.25 steps	GR BR	SENSITY •		
HOYA DAYNAMIC			HC		
	+ PLUS MINUS -				
(6.00 (75) 8.00	GP.	SENSITY (1) (HC)		
14mm	Adds 0.75 to 3.50 in 0.25 steps	BR	SENSITY () (HY)		
					
CETIZO CVNEDOV V		10	_		
SEINO STINERUT A	+ PLLIS MINUS -	(10)	RF		
6.50					
70	Adds 0.50 to 3.50 in 0.25 steps	GR	Transiti@ns		
15mm	OPPOSITE CYLS TO 4.00				
SEIKO EMBLEM	. 20115	(10)	RF		
		GR	Transiti@ns		
15mm	Adds 0.50 to 3.50 in 0.25 steps OPPOSITE CYLS TO 4.00	● BR	Trunside 113		
SEIKO PRIME		10	(DE		
	+ PLUS MINUS -		RF		
	4.00 75 7.50	GR	T		
6.50 6.00 65 70	Adds 0.50 to 3.50 in 0.25 steps OPPOSITE CYLS TO 4.00	GR BR	Transiti@ns		
65 70	Adds 0.50 to 3.50 in 0.25 steps		Transiti@ns ⁻		
65 70	Adds 0.50 to 3.50 in 0.25 steps		Transiti@ns ⁻		
65 70	Adds 0.50 to 3.50 in 0.25 steps		Transiti@ns		
65 70	Adds 0.50 to 3.50 in 0.25 steps		Transiti@ns		
65 70	Adds 0.50 to 3.50 in 0.25 steps		Transiti@ns ⁻		
65 70	Adds 0.50 to 3.50 in 0.25 steps		Transiti@ns		
65 70	Adds 0.50 to 3.50 in 0.25 steps		Transiti@ns ⁻		
65 70	Adds 0.50 to 3.50 in 0.25 steps		Transiti@ns ⁻		
((HOYA BALANSIS HOYA DAYNAMIC 14mm HOYA DAYNAMIC 14mm SEIKO SYNERGY X 6.50 70 15mm 6.50 6.50 6.50 70 15mm	+ PLUS MINUS - 6.00	+ PLUS MINUS - 6.00	# PLUS	HOYA LIFESTYLE 3 + PLUS Adds 0.75 to 3.50 in 0.25 steps Available designs - Urban/Indoor/Outdoor HOYA BALANSIS + PLUS Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.75 to 3.7



RESIN PROGRESSIVES **DRIVEWEAR**®



1.50

RESIN PROGRESSIVES **DRIVEWEAR®**



LENS CODE				POWER/COATING	UNCUT	GLAZED
RUDR	RESOL	.VE 🕕 Transiti@	ns° DriveWear ° 35% - 22% - 12% LT			
	A		+ PLUS MINUS -			
		ISP	6.00 = 6.00 Adds 0.75 to 4.50 in 0.25 steps	IN,		
	14mm	AUTOSELECT	7. das 67/3 to 1.36 1.1. 0.125 steps			
OSDR	AFAR Transiti@ns DRIVEWEAR 35% - 22% - 12% LT					
	13mm 18mm	ISP	+ PLUS MINUS - 6.00 75 6.00 Adds 0.50 to 4.50 in 0.25 steps	IN		

RESIN PHOTOCHROMIC NUPOLAR PROGRESSIVES

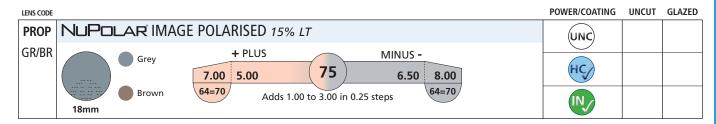
VIP5	VECTO	o VECTOR EXI	RA SHORT 🐽 INFINITE NUPOLAR CHROMATIC			
	VECTOR	& VECTOR LAI				
GR		ISP	+ PLUS MINUS - 6.00 76 8.00	IN		
	15mm VXS 11mm	AUTOSELECT	Adds 0.75 to 4.50 in 0.25 steps			
NIP5	WITOR INFINITE NUPOLAR CHROMATIC 40% - 9% LT					
GR			+ PLUS MINUS -			
		ISP	6.00 (76) 8.00	IN		
			Adds 0.50 to 4.50 in 0.25 steps			
	14mm	AUTOSELECT	Available designs - General/Outdoor			
SIP5	SENTO	IR 🕕 INFINIT	E NUPOLAR CHROMATIC 40% - 9% LT			
GR		_	+ PLUS MINUS -			
		ISP	6.00 (76) 8.00	IN		
			Adds 0.75 to 4.00 in 0.25 steps			
	14mm	AUTOSELECT	Available designs - General/Outdoor			
MIP5	SCREEN (ID INFINITE NUPOLAR CHROMATIC 40% - 9% LT					
GR		_	+ PLUS MINUS -			
		ISP	6.00 (76) 8.00	IN		
			Adds 0.75 to 4.00 in 0.25 steps			
	14mm	AUTOSELECT	Design - Mobile Users			
YIP5	FREE	WAY 🕕 INFIN	IITE NUPOLAR CHROMATIC 40% - 9% LT			
GR			+ PLUS MINUS -			
		ISP	6.00 (76) 8.00	IN		
			Adds 0.75 to 3.50 in 0.25 steps			
	18mm					

AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

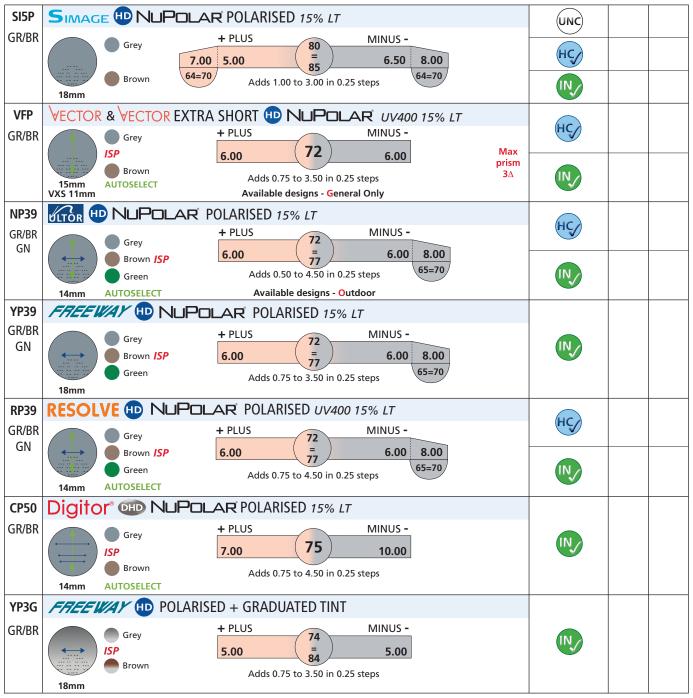
XXL - Need a larger diameter HD Progressive for those oversize Fashion, Sun or Sports frames? You can add 10mm to the effective diameter by stating XXL next to the HD Progressive or HD SV, additional price see page 136.



RESIN POLARISED PROGRESSIVES



RESIN HD POLARISED PROGRESSIVES



AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

XXL - Need a larger diameter HD Progressive for those oversize Fashion, Sun or Sports frames? You can add 10mm to the effective diameter by stating XXL next to the HD Progressive or HD SV, additional price see page 136.



RESIN SPECIALIST & OCCUPATIONAL PROGRESSIVES



LENS CODE				POWER/COATING	UNCUT	GLAZED
BP50	COMBIPAL DIGIT	AL FT35 <i>ISP</i>				
		+ PLUS MINUS -				
High Adds		6.00 (70) 6.00		Plano to 6.00		
		Adds 1.00 to 6.00 in 0.25 steps OPPOSITE CYLS TO 4.00				
UP <mark>50</mark>	PILOTOR RD 40 - LC	WER PROGRESSIVE <i>ISP</i>				
	State pupil height at	+ PLUS MINUS -				
	fitting cross along with the separation.	6.00 (75) 6.00	(Specify both top and bottom additions)	Plano to 6.00		
	Minimum separation 8mm Minimum frame depth 32mm	Adds 0.75 to 3.50 in 0.25 steps OPPOSITE CYLS TO 4.00	bottom additions)			
D050	14mm FILOTOR RD 40 - UF	PPER PROGRESSIVE <i>ISP</i>				
D030		+ PLUS MINUS -				
	State pupil height at fitting cross along with	6.00 (75) 6.00	(Specify both top and	Plano to 6.00		
	the separation. Minimum separation 8mm	Adds 0.75 to 3.50 in 0.25 steps	bottom additions)			
	Minimum frame depth 32mm	OPPOSITE CYLS TO 4.00				
UPES	PILOTOR E - LOWER					
	State pupil height at	+ PLUS MINUS -		Diama to COO		
	fitting cross along with the separation.	4.00 75 5.00	(Specify both top and bottom additions)	Plano to 6.00		
	Minimum separation 8mm Minimum frame depth 32mm	TOP Adds 0.75 to 3.00 in 0.25 steps BOTTOM Adds 0.75 to 3.50 in 0.25 steps	,			
DPES	VITOR PILOTOR EU - UPPEI	OPPOSITE CYLS TO 4.00 R PROGRESSIVE <i>ISP</i>				
		+ PLUS MINUS -				
	State pupil height at fitting cross along with	4.00 (75) 5.00	(Specify both top and	Plano to 6.00		
	the separation. Minimum separation 8mm Minimum frame depth 32mm	BOTTOM Adds 0.75 to 3.50 in 0.25 steps	bottom additions)			
	14mm	TOP Adds 0.75 to 3.00 in 0.25 steps OPPOSITE CYLS TO 4.00				
UPD	AUTO-PILOTOR UP	& DOWN PROGRESSIVE <i>ISP</i>				
		+ PLUS MINUS -		DI . GOO		
	Minimum separation 8mm Minimum frame depth 36mm	6.00	(Specify both top and bottom additions)	Plano to 6.00		
	14mm	Adds 0.75 to 3.50 in 0.25 steps OPPOSITE CYLS TO 4.00				
	1711111					
	10 au					
USLA	SLAB-ON BI-PRISM /		(10)			
	VERTICAL Prism to 6 ^Δ on ISP	+ PLUS MINUS -		Plano to 6.00		
	VERTICAL	6.00 = 6.00	Prism in 1 [^] steps	1 10110 to 0.00		
	Prism to 10 ^Δ in lower	Adds 0.75 to 3.50 in 0.25 steps OPPOSITE CYLS TO 4.00				
		For other bespoke lens design options	D 126			

For other bespoke lens design options see Page 136









TRIVEX LENSES 1.53 INDEX

TRIVEX

 $Reactolite^{\circ}$

Transiti@ns^{*}

Transitions G = N8

Transitions XTRActive

Transiti@ns* Vantage*

Transiti@ns[®] DRIVEWEAR[®]



1.53

Index

45

Abbe

1.11g/cm³

Density

400nm

UV

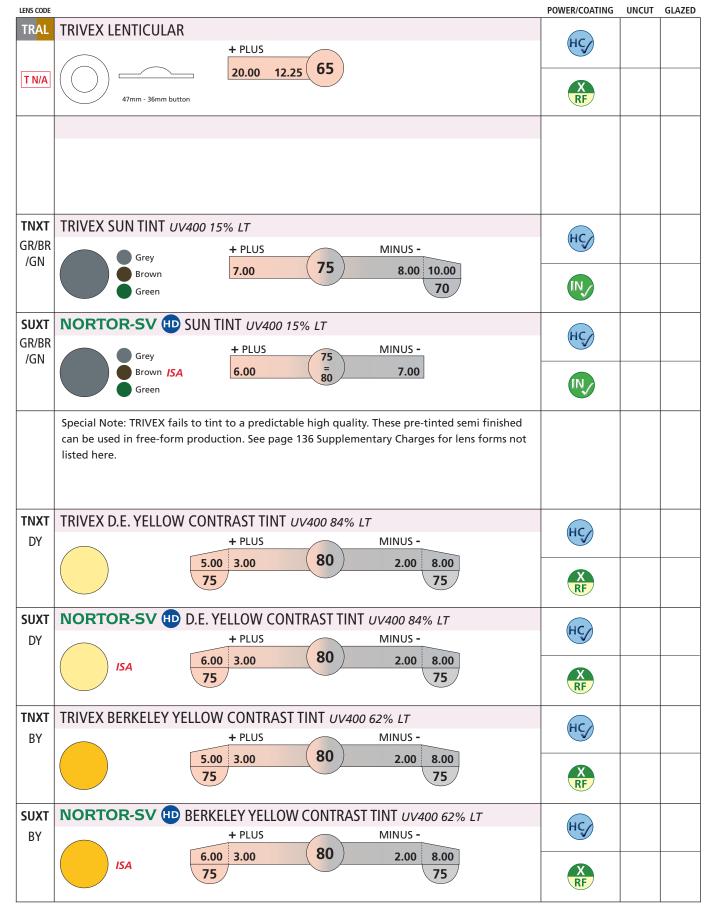




LENS CODE		POWER/COATING	UNCUT	GLAZED
TRSS	TRIVEX	HC		
T N/A	+ PLUS 60 MINUS - 70 8.00	RF		
TRV	OPPOSITE CYLS TO 2.00			
TRSS	TRIVEX SUPER MINI + PLUS 6.00 1.00 50	HC		
TRV	OPPOSITE CYLS TO 2.00	RF		
TRIX	TRIVEX ASPHERIC			
T N/A	+ PLUS MINUS - 7.00 OPPOSITE CYLS TO 2.00	RF		
TRIS	TRIVEX	HC		
T N/A		X RF		
TRIS	TRIVEX	HC		
T N/A	+ PLUS MINUS - 7.50 76 8.00	X		
TRIS	TRIVEX	(1)		
T N/A	+ PLUS MINUS - 6.00 2.00	X		
TRIS	TRIVEX HIGH PLUS	HC.		
T N/A	+ PLUS 12.00 8.25 65	(HC)		
TRUS	TRIVEX ASPHERIC	110		
	+ PLUS MINUS -	HC		
T N/A	8.00 70 9.00	X		
SU <mark>53</mark>	NORTOR-SV (11) TRIVEX	HC		
T N/A	+ PLUS MINUS - 7.50 76 8.00	X		
SU <mark>53</mark>	NORTOR-SV (ID TRIVEX			
T N/A	+ PLUS MINUS - 8.00 3.00	HC)		
		RF		







* SPORTOR WRAP OPTIONS SEE PAGES 44 and 56







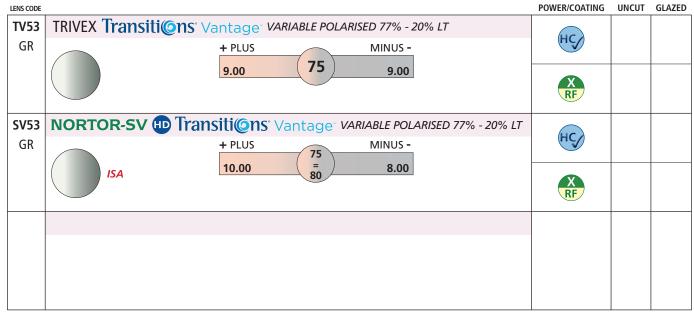
LENS CODE		POWER/COATING	UNCUT	GLAZED
TRIS	TRIVEX Transitions GEN8	(IIC)		
GR/BR	+ PLUS MINUS -	HC		
	7.00 (76)			
	Brown	RF		
TRIS	TRIVEX Transitions GEN8 10			
GR/BR	+ PLUS MINUS -	HC		
	Grey 80 2.00	_		
	Brown	X RF		
TT16	TRIVEY ACRUERIC Tropositions			
TTIS	TRIVEX ASPHERIC Transitions	HC		
GR/BR	+ PLUS MINUS -			
	6.00 5.00 75 11.00	X		
	Brown 70	X		
SU53	NORTOR-SV ID TRIVEX Transitions GEN8			
GR/BR	+ PLUS MINUS -	HC		
	Grey 7.00 76 8.00	_		
	Brown	X RF		
SU53	NORTOR-SV TRIVEX Transitions 10	HC		
GR/BR	+ PLUS MINUS -			
	(SA 8.00 3.00)			
	Brown	RF		
TXIS	TRIVEX Transitions XTRActive 83% - 10% LT			
GR/BR	+ PLUS MINUS -	HC		
	7.00 (76) 10.00			
	Brown	X		
SX53	NORTOR-SV ID TRIVEX Transitions XTRActive 83% - 10% LT	HC		
GR/BR	Grey + PLUS MINUS -	HC		
	7.00 (76) 8.00			
	Brown	RF		
		•		

^{*} VRAP OPTIONS SEE PAGES 44 and 56

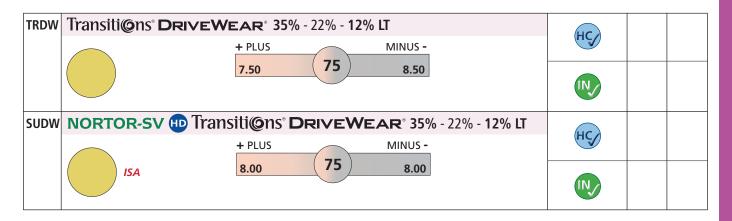




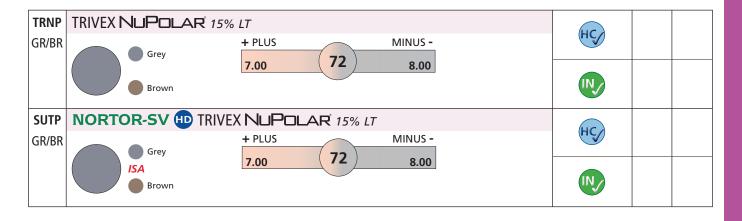




TRIVEX Transitions DRIVEWEAR



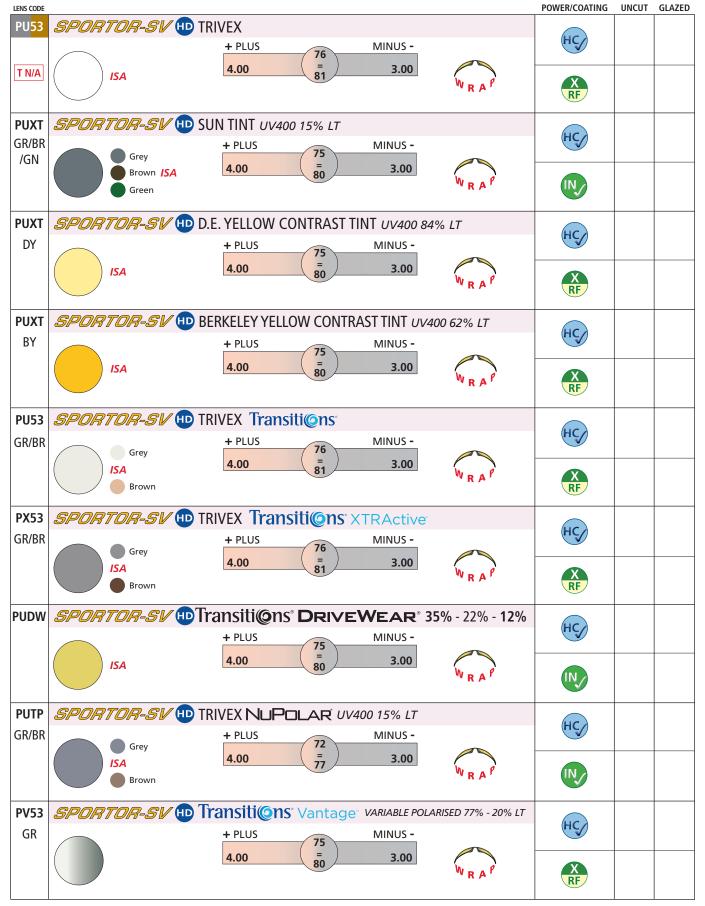
TRIVEX SINGLE VISION POLARISED











The **SPORTOR** Rx range is confirmed on +8.00 Base lens wraps. Should +6.00 base be sufficiently curved this will then have the effect of **reducing** the available plus range by 2.00D but **increasing** the minus availability by a further 2.00D.

XXL - Need a larger diameter HD Progressive for those oversize Fashion, Sun or Sports frames? You can add 10mm to the effective diameter by stating XXL next to the HD Progressive or HD SV, additional price see page 136.

^{*} All SPORTOR lens forms also available as S.E.P. Atoral design central 50mm with free-form edge blend to reduce substance.





LENS CODE		POWER/COATING	UNCUT	GLAZED
TR28	TRIVEX FLAT TOP 28 + PLUS MINUS -	HC		
T N/A	7.00 76 10.00 Adds 1.00 to 3.50 in 0.25 steps	X		
TR28	TRIVEX FLAT TOP 28 Transitions			
GR/BR	+ PLUS MINUS - 7.00 76 8.00	HC		
	Adds 1.00 to 3.50 in 0.25 steps	X RF		
TR35	TRIVEX FLAT TOP 35	(HC)		
T N/A	+ PLUS MINUS - 7.00 76 8.00 Adds 1.00 to 3.50 in 0.25 steps and 4.00	(HC)		
TR35	TRIVEX Transitions G = N8 FLAT TOP 35	HC.		
GR	+ PLUS MINUS -			
	7.00 74 8.00 Adds 1.00 to 3.50 in 0.25 steps	X		

TRIVEX TRIFOCALS





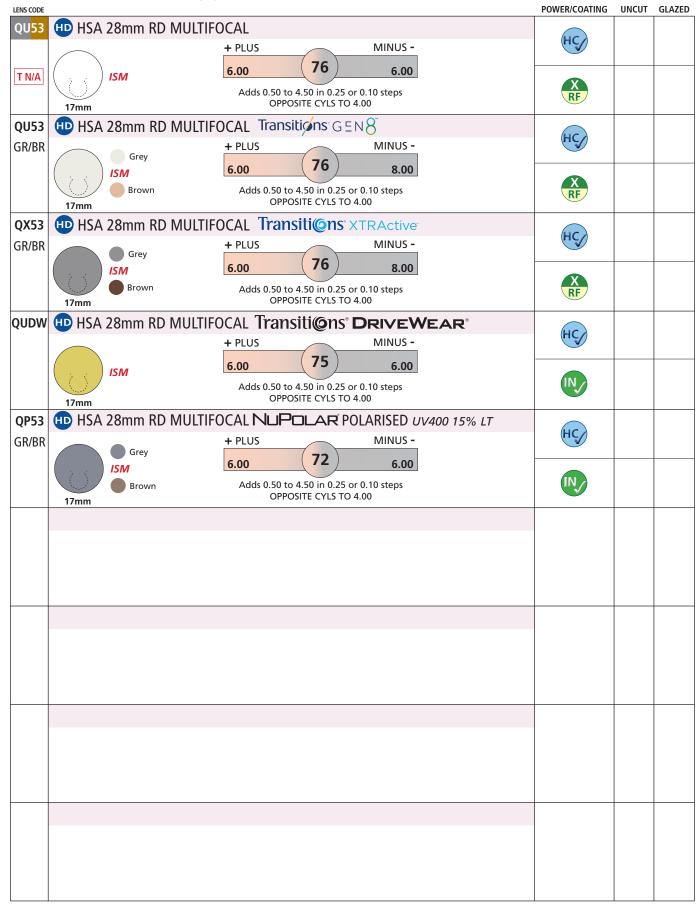




LENS CODE			POWER/COATING	UNCUT	GLAZED
FR <mark>53</mark>	IRS 28mm/40mm BIFO	CAL			
		+ PLUS MINUS -	HC		
T N/A		7.00 7.00			
40	ISB	7.00	X		
40mm 4R53		Adds 0.50 to $\overline{4.50}$ in 0.25 steps OPPOSITE CYLS TO 4.00	RF		
LB53	IRS 22mm LENTIC BIFO	CAI			
		+ PLUS	HC		
TAVA		15.00 8.00 65			
T N/A	ISB 47mm button		X		
		Adds 0.50 to 4.50 in 0.25 steps	RF		
FR53	IRS 28mm/40mm BIFO	CAL Transitions GEN8			
GR/BR		+ PLUS MINUS -	HC		
GIUDI	Grey	70			
40mm	ISB	0.00	X		
4R53	Brown	Adds 0.50 to 4.50 in 0.25 steps OPPOSITE CYLS TO 4.00	RF		
GR/BR FX53	IRS 28mm//0mm RIFO	CAL Transitions XTRActive			
	INS ZOIIIII/40IIIII DII O		HC		
GR/BR	Grey	70			
40mm	() ISB	8.00			
4X53	Brown	Adds 0.50 to 4.50 in 0.25 steps OPPOSITE CYLS TO 4.00	RF		
GR/BR					
FV53	IRS 28mm/40mm Iran	sitions Vantage VARIABLE POLARISED 77% - 20% LT	HC		
GR		+ PLUS MINUS -			
	ISB	6.00 (75)			
40mm	138	Adds 0.50 to 4.50 in 0.25 steps	X RF		
4V53		OPPOSITE CYLS TO 4.00	Nr.		
FRDW	IRS 28mm/40mm BIFO	Transiti@ns® DRIVEWEAR®	(UC)		
		+ PLUS MINUS -			
	ISB	6.00 (75) 8.00			
40mm		Adds 0.50 to 4.50 in 0.25 steps	IN		
4RDW					
FP53	IRS 28mm/40mm BIFOC	AL NUPOLAR [®] UV400 15% LT			
GR/BR		+ PLUS MINUS -	H		
	Grey	7.00 72 7.00			
40mm	ISB Rrown	Adds 0.50 to 4.50 in 0.25 steps	IN		
4P53	Brown	OPPOSITE CYLS TO 4.00			

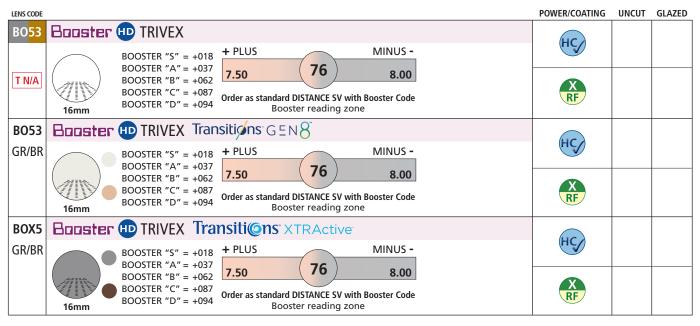




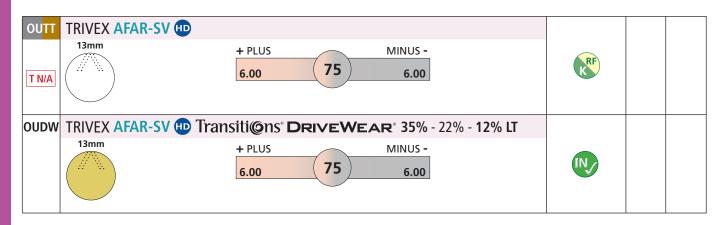








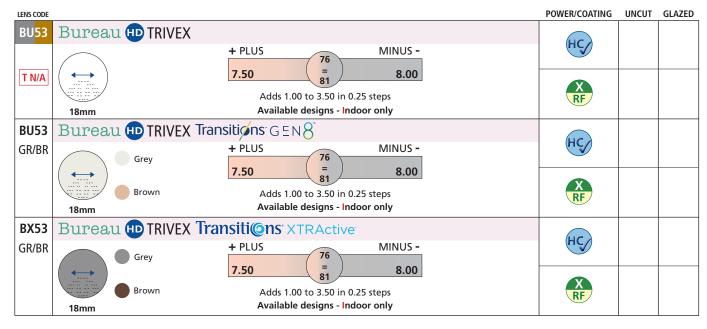
TRIVEX* HD DISTANCE MYOPIA ZONE



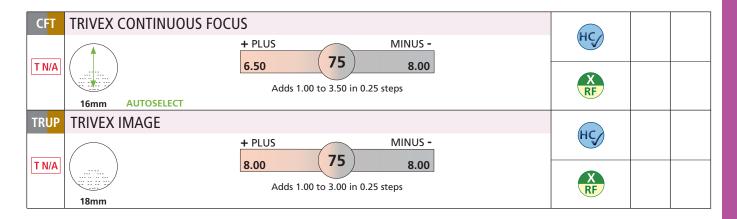
TRIVEX DEGRESSIVES (ENHANCED NEAR VISION)

OFTR	TRIVEX VERSATILE OFFICE	HD			
	13mm	+ PLUS MINUS -		H	
T N/A	16mm	7.50 76 8.00 DEGRESSIONS -0.50, -0.75, -1.00, -1.25, -1.50, -1.75, -2.00, -2.25, -2.50 DS	Order by reading Rx Distance PDs	X	
OFTR	TRIVEX VERSATILE OFFICE	Transitions GEN8		(UC)	
GR/BR	13mm Grey	+ PLUS MINUS -			
	(1, 1)	7.50 (76) 8.00	Order by reading Rx		
	16mm	DEGRESSIONS -0.50, -0.75, -1.00, -1.25, -1.50, -1.75, -2.00, -2.25, -2.50 DS	Distance PDs	RF	
OFXR	TRIVEX VERSATILE OFFICE	Transitions XTRActive		(UC)	
GR/BR	13mm Grey	+ PLUS MINUS -			
		7.50 (76) 8.00	Order by reading Rx		
	16mm	DEGRESSIONS -0.50, -0.75, -1.00, -1.25, -1.50, -1.75, -2.00, -2.25, -2.50 DS	Distance PDs	RF	

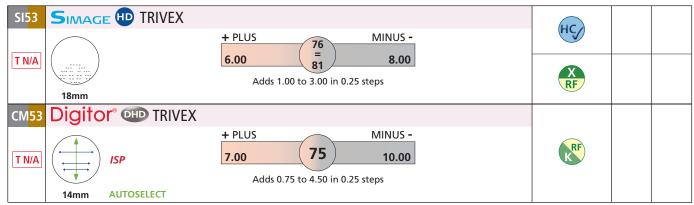




TRIVEX* PROGRESSIVES



TRIVEX DUAL SURFACE PROGRESSIVES



AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.









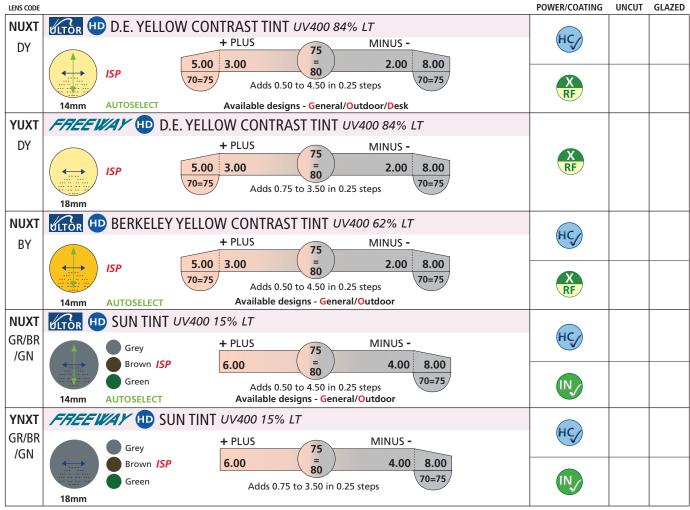
AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

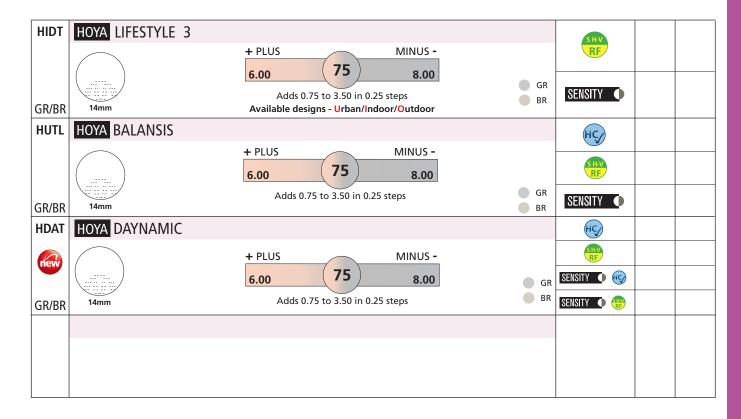
Overcoloured background indicates **Reactolite**® availability quick guide or see separate catalogue





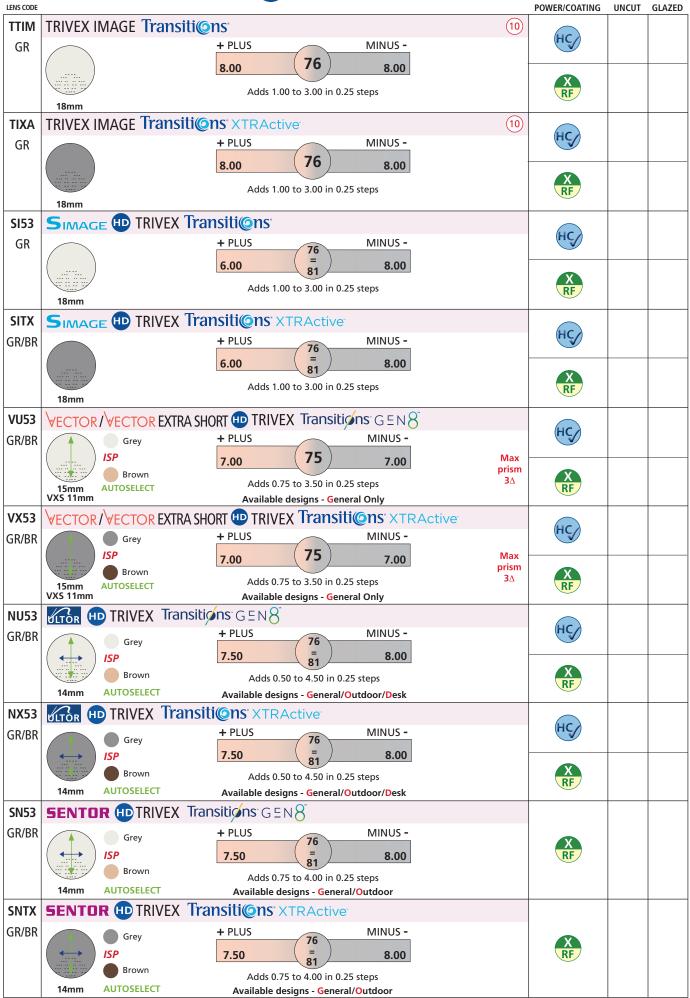


FF PROGRESSIVES

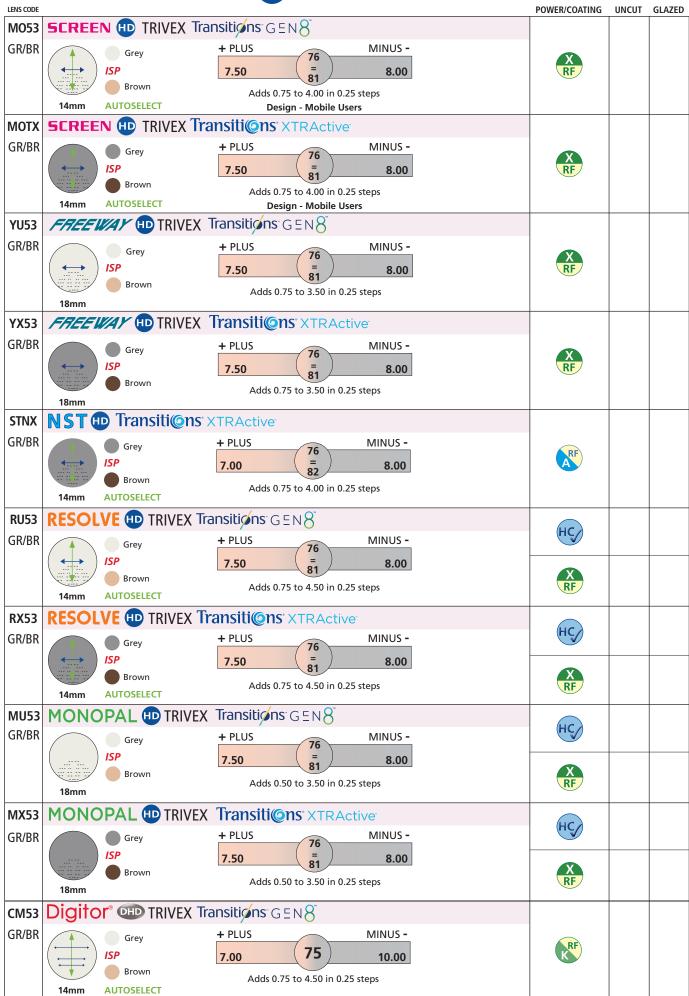




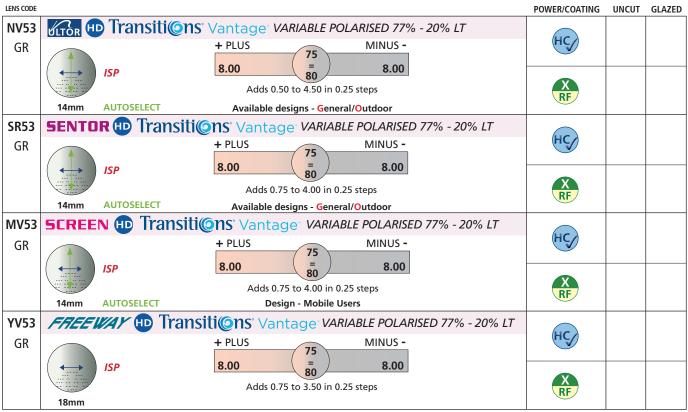




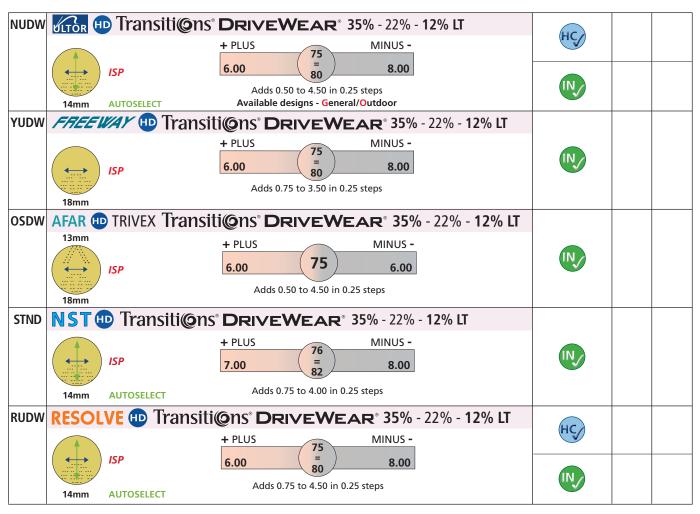








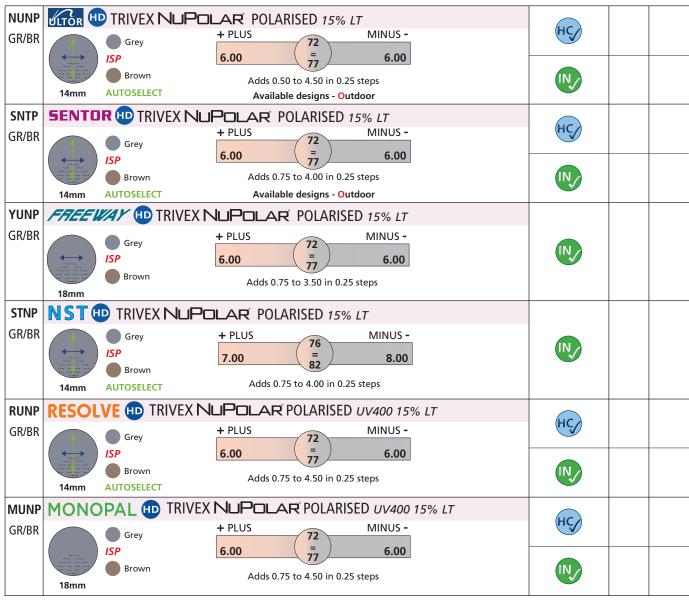
TRIVEX* Transiti@ns* DRIVEWEAR*





LENS CODE		POWER/COATING	UNCUT	GLAZED
MUDW	MONOPAL ID Transiti@ns DRIVEWEAR 35% - 22% - 12% LT	(UC)		
	+ PLUS MINUS -	HC		
	ISP = 8.00			
	Adds 0.50 to 3.50 in 0.25 steps			

TRIVEX NUPOLAR PROGRESSIVES

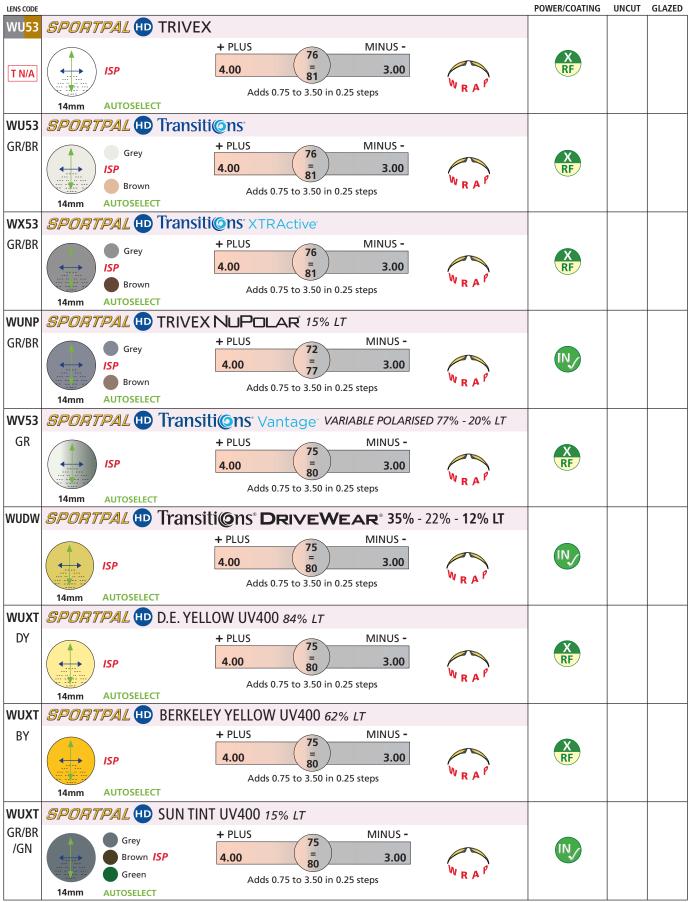


AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.







AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

The **SPORTPAL** Rx range is confirmed on +8.00 Base lens wraps. Should +6.00 base be sufficiently curved this will then have the effect of **reducing** the available plus range by 2.00D but **increasing** the minus availability by a further 2.00D.

XXL - Need a larger diameter HD Progressive for those oversize Fashion, Sun or Sports frames?

You can add 10mm to the effective diameter by stating XXL next to the HD Progressive or HD SV, additional price see page 136.









RESIN LENSES 1.56 INDEX 1.58 INDEX

VISTA-MESH

V-M Reactolite

UV BLOCKING

BLUTECH BT66 FILTER BLUTECH BT70 FILTER

1.56

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38

Abbe

1.28g/cm³

Density

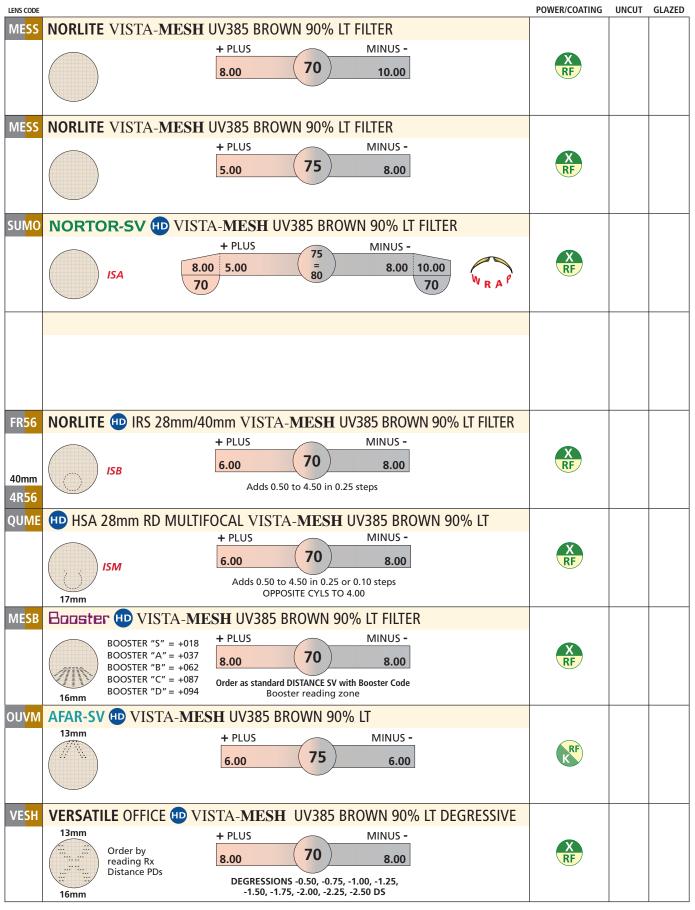
385nm

UV



NORLITE VISTA-MESH





Overcoloured background indicates **Reactolite**® availability quick guide or see separate catalogue



NORLITE VISTA-MESH



LENS CODE				POWER/COATING	UNCUT	GLAZED
BUME	Burea	11 🛍 VISTA-MI	ESH UV385 BROWN 90% LT FILTER			
	Daroa	u VISITI WII	+ PLUS MINUS -			
			70	X		
	(←→)	ISP	8.00 = 8.00	RF		
			Adds 1.00 to 3.50 in 0.25 steps			
	18mm		Available designs - Indoor only			
	1011111		Available designs - indoor only			
VU 56	∀ECTOR	. & ∀ECTOR EXTRA	A SHORT HD VISTA-MESH UV385 BROWN 90% LT			
			+ PLUS MINUS -			
		ISP	9 00 = 10 00 Max	X		
		151	8.00 = 10.00 Max prism	RF		
	15mm	AUTOSELECT	Adds 0.75 to 3.50 in 0.25 steps 3∆			
	VXS 11mm	AUTOSEEECT	Available designs - General only			
NUME	WITOP H	VISTA-MESH	UV385 BROWN 90% LT FILTER			
	OLIOK		+ PLUS MINUS -			
			70	X		
		ISP	8.00 = 10.00	RF		
			Adds 0.50 to 4.50 in 0.25 steps			
	14mm	AUTOSELECT	Available designs - General/Outdoor/Desk			
SNME						
SIMINIE	SENIU	VISTA-NII	ESH UV385 BROWN 90% LT FILTER			
			+ PLUS MINUS -			
		ISP	8.00 = 10.00	RF		
		151	Adds 0.75 to 3.50 in 0.25 steps			
	14	AUTOSELECT				
	14mm		Available designs - General/Outdoor			
MOME	SCREE	N HD VISTA-MI	ESH UV385 BROWN 90% LT FILTER			
			+ PLUS MINUS -			
		100	8 00 = 10 00	N DE		
		ISP	75	KF		
	T. T.		Adds 0.75 to 3.50 in 0.25 steps			
	14mm	AUTOSELECT	Design - Mobile Users			
YUME	FREE	WAY HD VISTA-	MESH UV385 BROWN 90% LT FILTER			
			+ PLUS MINUS -	_		
			70 = 10.00	X		
		ISP	8.00 = 10.00	RF		
			Adds 0.75 to 3.50 in 0.25 steps			
L	18mm					
OSVM	AFAR H	VISTA-MESH	UV385 BROWN 90% LT FILTER			
	13mm		+ PLUS MINUS -			
				RE		
	∴ · · · · · · · · · · · · · · · · · · ·	ISP	6.00 (75) 6.00	K		
			Adds 0.50 to 4.50 in 0.25 steps	_		
	18mm		Adds 0.30 to 4.30 iii 0.23 steps			
RUME		VE (ID VICTA N	IESH UV385 BROWN 90% LT FILTER			
KOIVIE	KLJOL	VISIA-IV				
			+ PLUS MINUS -	X		
		ISP	8.00 = 10.00	RF		
	*					
	14mm	AUTOSELECT	Adds 0.75 to 4.50 in 0.25 steps			
				İ		

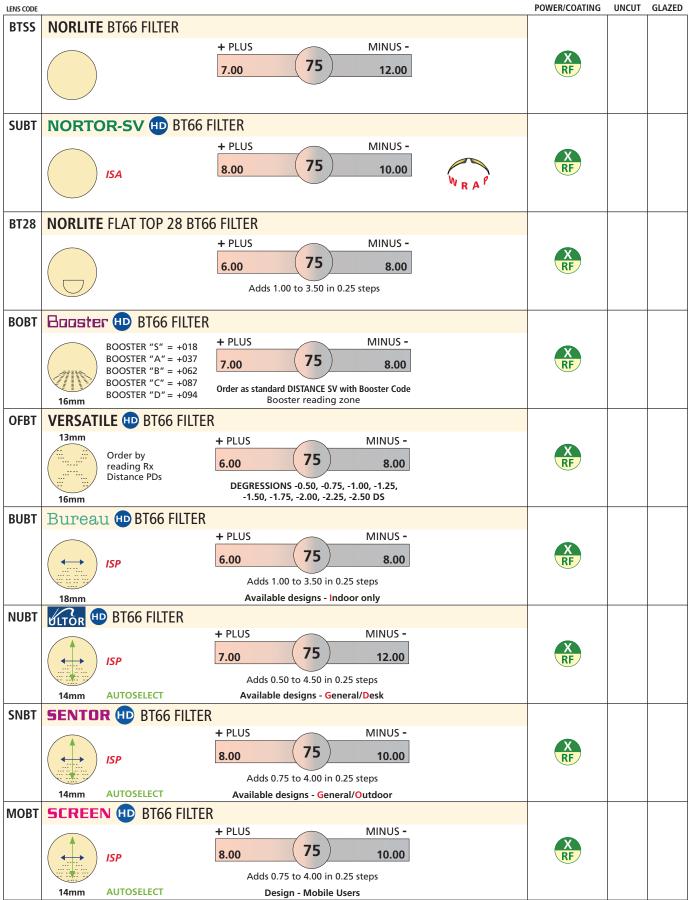
AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.



NORLITE BLUTECH 66% FILTER





AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

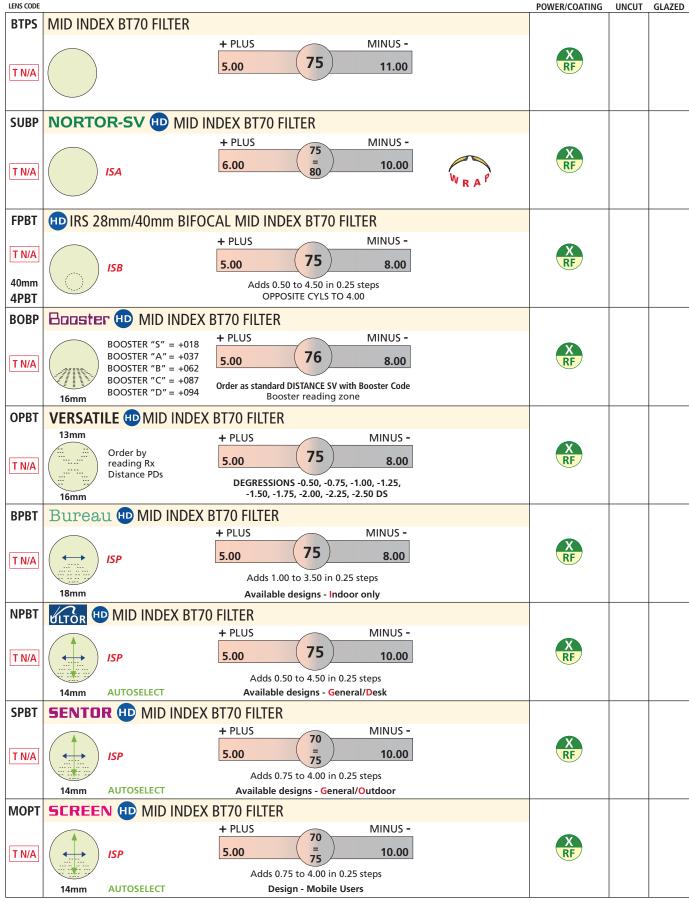
XXL - Need a larger diameter HD Progressive for those oversize Fashion, Sun or Sports frames? You can add 10mm to the effective diameter by stating XXL next to the HD Progressive or HD SV, additional price see page 136.

For transmission data see Prescription Companion on www.norville.co.uk



NORLITE BLUTECH 70% FILTER





AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

XXL - Need a larger diameter HD Progressive for those oversize Fashion, Sun or Sports frames? You can add 10mm to the effective diameter by stating XXL next to the HD Progressive or HD SV, additional price see page 136.









POLYCARB LENSES 1.59 INDEX

POLYCARBONATE

Reactolite®

Transiti@ns[®]

Transitions G EN8

Transitions XTRActive

Transiti@ns° DRIVEWEAR°

NuPolar

POLARISED MIRROR

ENHANCED UV+ POLYCARBONATE

Clear surfaced SV and free-form designs are available in UV410 poly material

PUV+

1.59

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Abbe

1.2g/cm³

Density

380nm

UV



POLYCARB SINGLE VISION

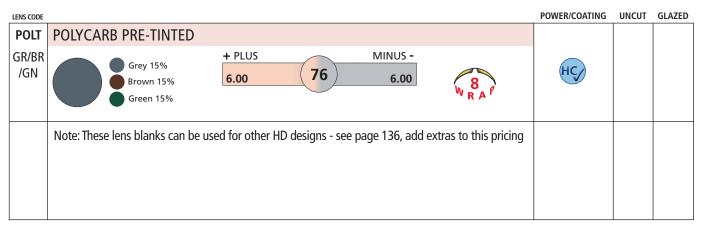


LENS CODE		POWER/COATING	UNCUT	GLAZED
CARP	POLYCARB 3			
	+ PLUS 55	HC.		
T80%	6.00	HC		
	OPPOSITE CYLS TO 2.00			
CARP	POLYCARB			
	+ PLUS MINUS -	T 80% HC		
	6.00 65 70 6.00			
CARX	OPPOSITE CYLS TO 2.00	RF		
CARP	POLYCARB			
	+ PLUS			
	4.00 (70)	HC		
	OPPOSITE CYLS TO 2.00			
POLY	POLYCARB	HC		
	+ PLUS MINUS -	Plano to 6.00		
T20%	10.00 8.00 7.00 (76) 10.00 Also available	6.25 to 10.00 HC PUV+		
POLV	60 65 PUV+	Plano to 6.00		
POLY	POLYCARB	6.25 to 10.00		
101	+ PLUS			
T20%	6.00 3.00 80	HC		
12070	WRAP			
SU <mark>58</mark>	NORTOR-SV HD POLYCARB	HC		
3030	+ PLUS MINUS -	X		
T20%	8.00 7.00 (76) 10.00 Also available			
	PUV+	PUV+		
SU5V	OPPORTOR ON A POLYCARD	_		
PU <mark>58</mark>	SPORTOR-SV HD POLYCARB + PLUS MINUS -	HC		
T20%		X RF		
	W R A P PUV+	PUV+		
PU5V		PUV+		

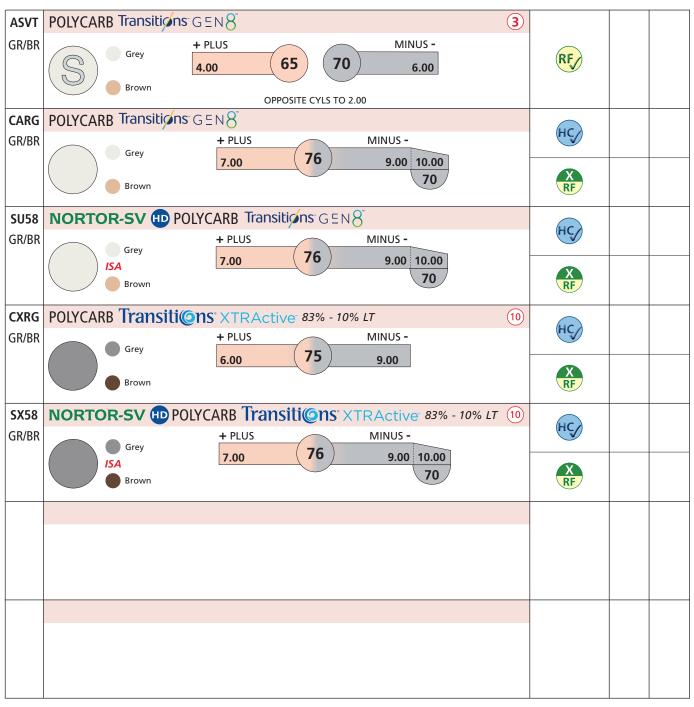
^{*}For exact stock range availability and volume uncut pricing please refer to our NLS Finished Stock Lens Catalogue or see online - www.norville.co.uk

POLYCARB PRE-TINTED





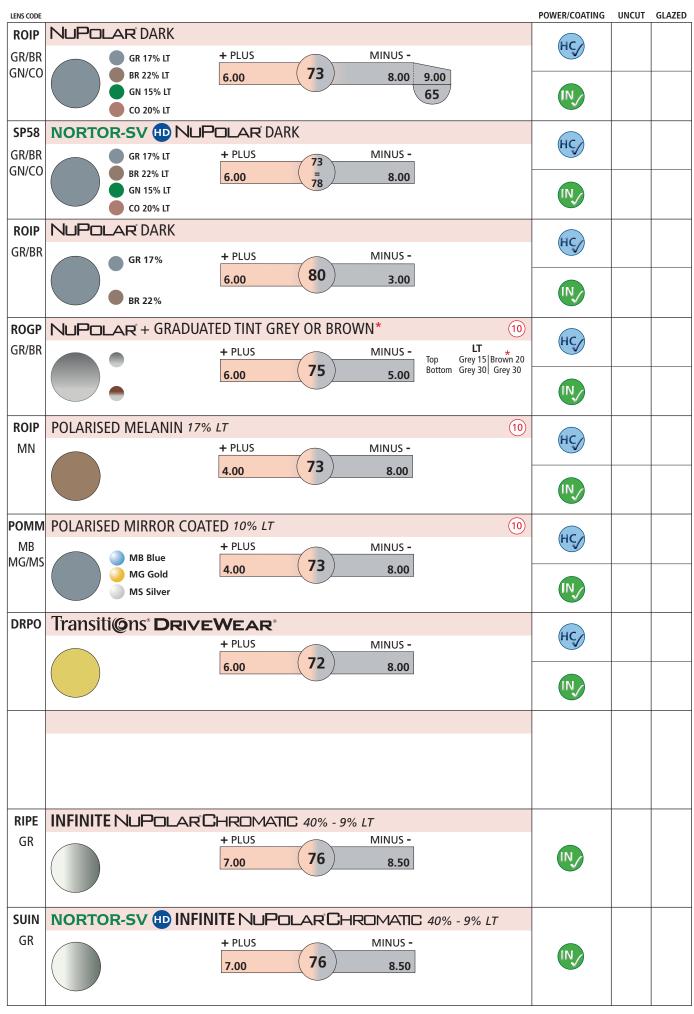
POLYCARB SINGLE VISION Transitions





POLYCARB **POLARISED** SINGLE VISION







POLYCARB SPORTOR-SV (HD)

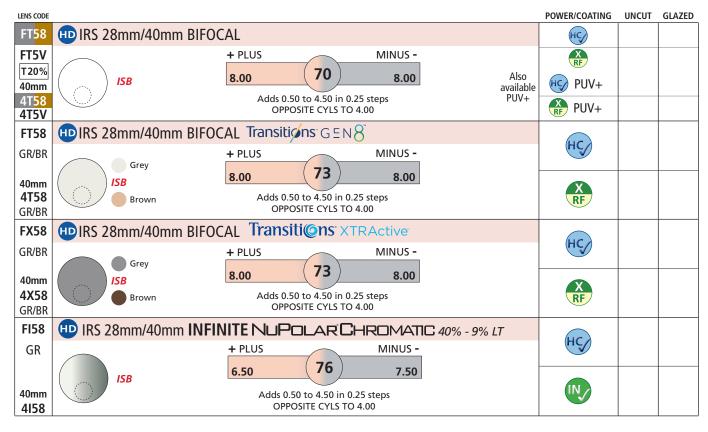




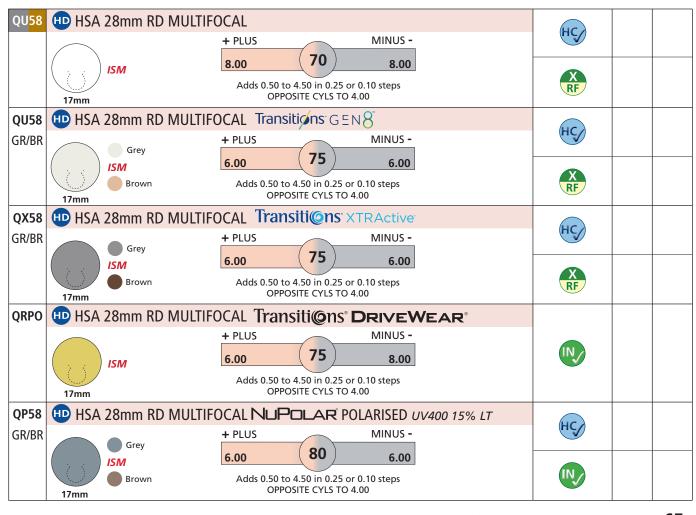
The **SPORTOR** Rx range is confirmed on +8.00 Base lens wraps. Should +6.00 base be sufficiently curved this will then have the effect of **reducing** the available plus range by 2.00D but **increasing** the minus availability by a further 2.00D.

^{*} All SPORTOR lens forms also available as S.E.P. Atoral design central 50mm with free-form edge blend to reduce substance.





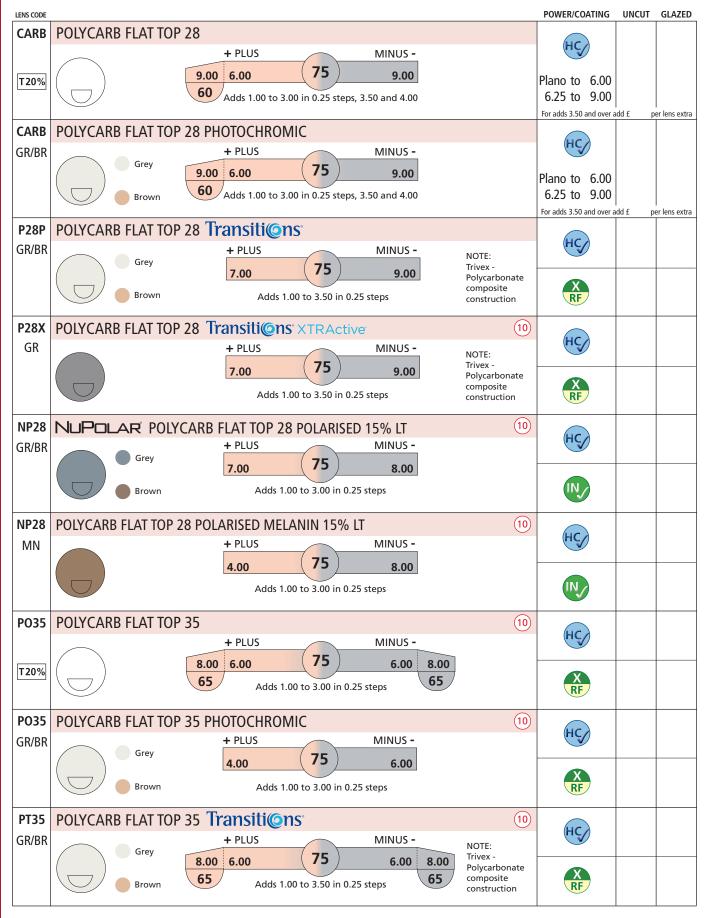
POLYCARB HD HSA 28mm RD MULTIFOCAL





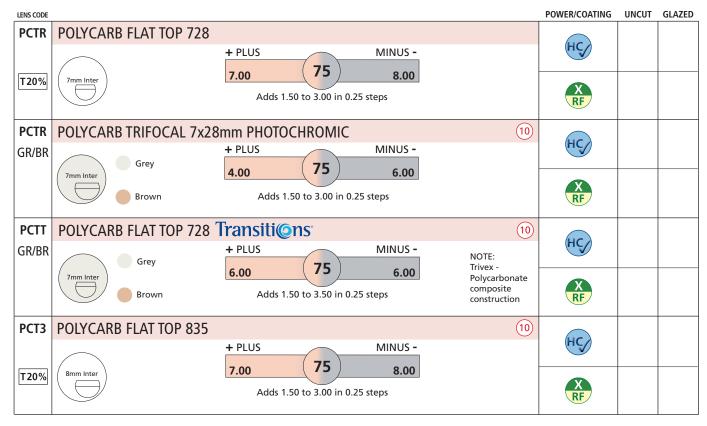
POLYCARB BIFOCALS



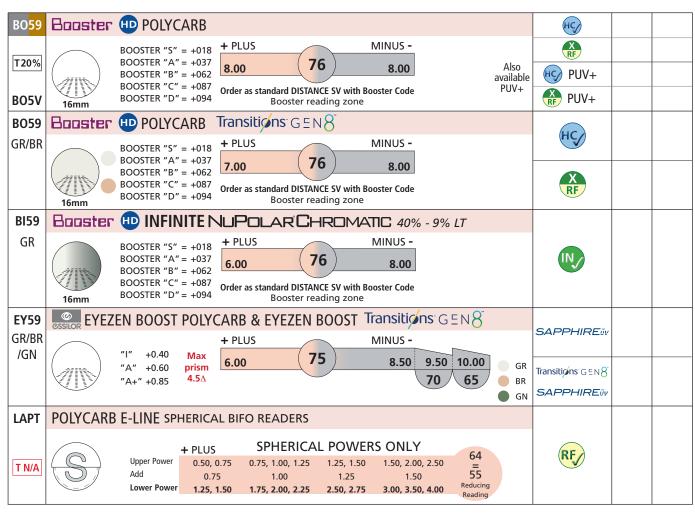




POLYCARB TRIFOCALS



POLYCARB HD ENHANCED NEAR

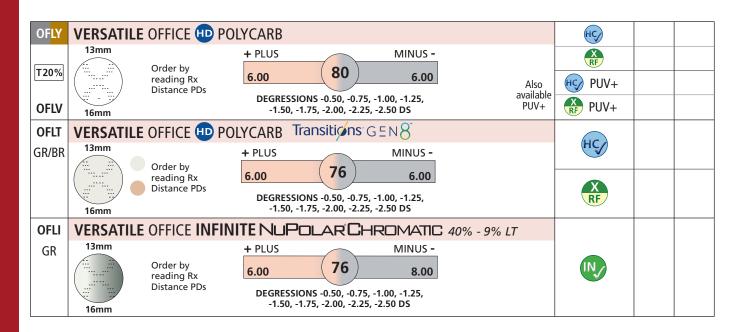




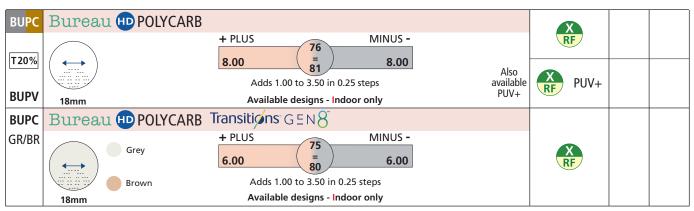


LENS CODE					POWER/COATING	UNCUT	GLAZED
OUTP	AFAR-SV HD POLYCARB						
	13mm	+ PLUS		MINUS -	RE		
		6.00	75	6.00	KRF		

POLYCARB HD DEGRESSIVES



POLYCARB HD OCCUPATIONAL PROGRESSIVES

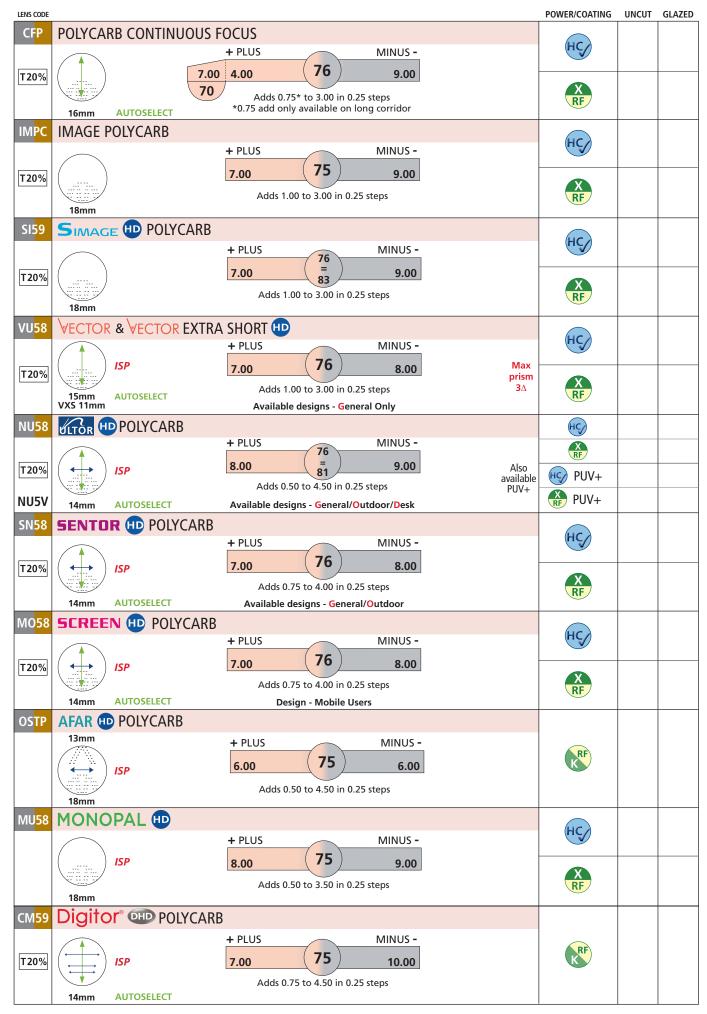


 $\hbox{Overcoloured background } \hbox{indicates } \hbox{\bf Reactolite}^* \hbox{ availability quick guide or see separate catalogue }$



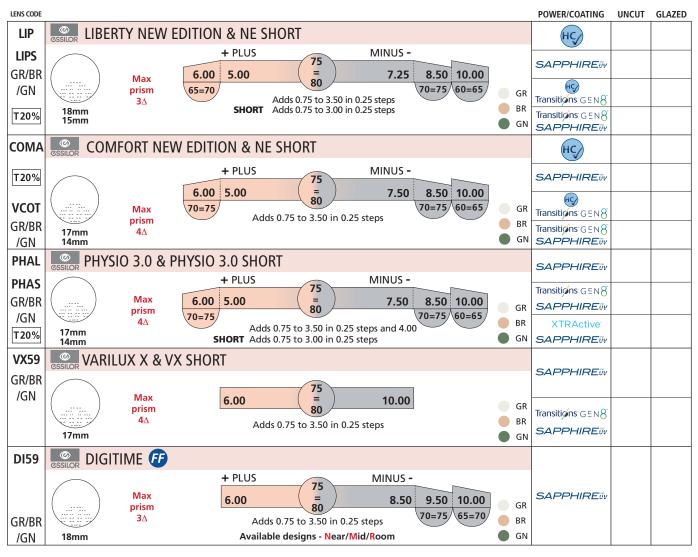
POLYCARB HD PROGRESSIVES



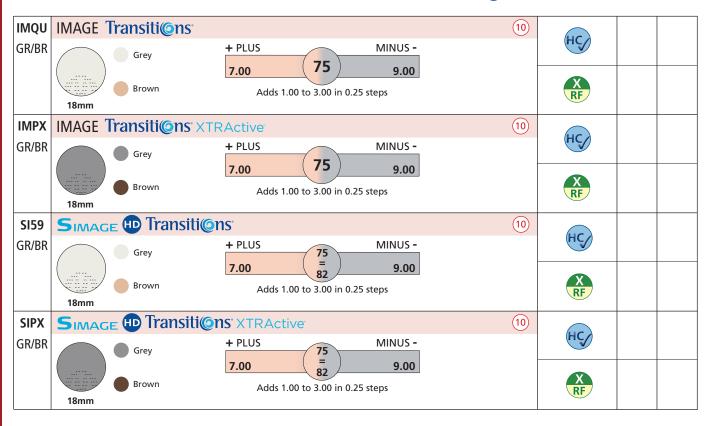


POLYCARB PROGRESSIVES

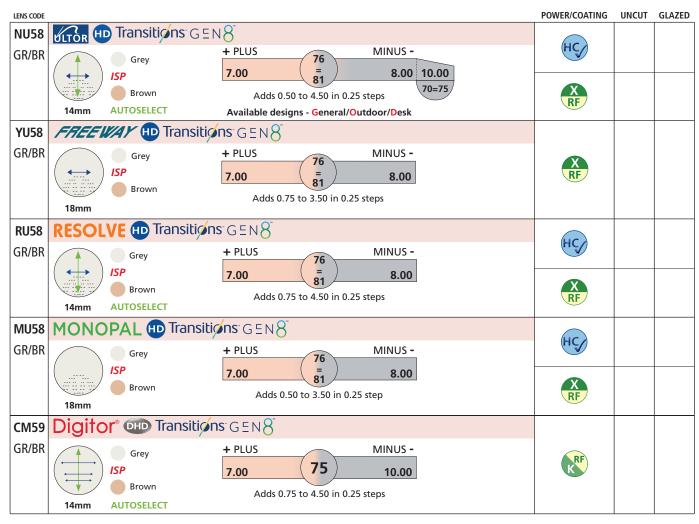




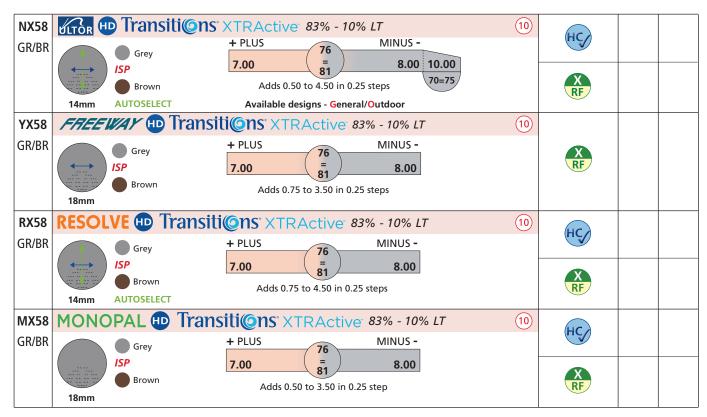
POLYCARB PROGRESSIVES Transitions







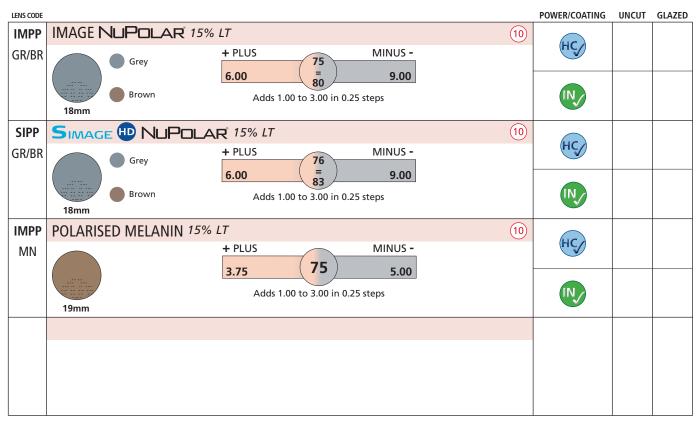
POLYCARB HD PROGRESSIVES Transitions XTRActive





POLYCARB POLARISED PROGRESSIVES





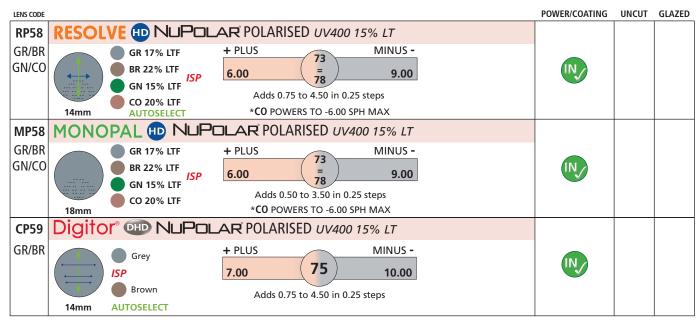
POLYCARB HD POLARISED PROGRESSIVES



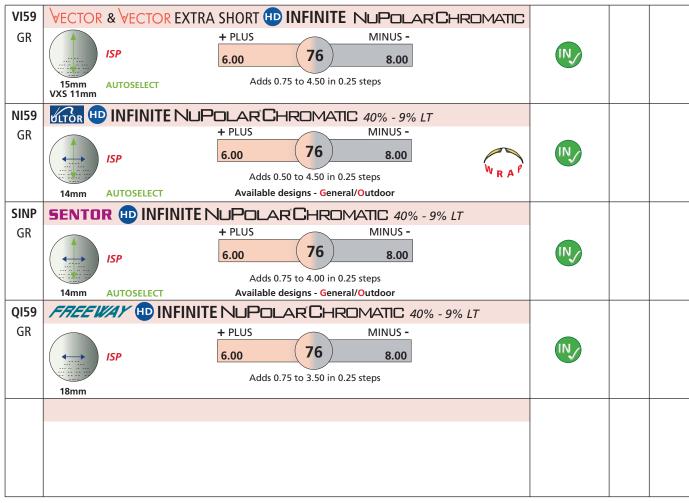
AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.





POLYCARB HD PHOTOCHROMIC NUPOLAR PROGRESSIVES



AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.



POLYCARB PROGRESSIVES DRIVEWEAR®



LENS CODE		POWER/COATING	UNCUT	GLAZED
IMDN	IMAGE Transitions DRIVEWEAR 35% - 22% - 12% + PLUS MINUS -	HC		
	6.00 75 8.00			
	Adds 1.00 to 3.00 in 0.25 steps 18mm	IN		
SIPD	SIMAGE Transitions DRIVEWEAR 35% - 22% - 12%	HC		
	+ PLUS MINUS - 75 8.00			
	Adds 1.00 to 3.00 in 0.25 steps	IN		
NRPO	18mm Transitions DriveWear 35% - 22% - 12%			
INKPO	+ PLUS MINUS -			
	6.00 72 8.00	IN		
	Adds 0.50 to 4.50 in 0.25 steps			
YRPO	14mm AUTOSELECT Available designs - Outdoor FREEWAY ID Transitions DRIVEWEAR 35% - 22% - 12% 10			
	+ PLUS MINUS -			
	6.00 = 8.00			
	Adds 0.75 to 3.50 in 0.25 steps 18mm			
RRPO	RESOLVE Transitions DriveWear 35% - 22% - 12% 10	HC		
	+ PLUS MINUS -			
	Adds 0.75 to 4.50 in 0.25 steps	IN		
	14mm AUTOSELECT			
MRPO	MONOPAL Transitions DRIVEWEAR 35% - 22% - 12% 10 + PLUS MINUS -	HC		
	6.00 = 8.00			
	Adds 0.50 to 3.50 in 0.25 steps	IN		
CD59	Digitor OHD Transitions DRIVEWEAR 35% - 22% - 12%			
	+ PLUS MINUS -			
	DSM 8.00 6.00 75 9.75 10.00			
	70 Adds 0.75 to 4.50 in 0.25 steps 14mm AUTOSELECT			

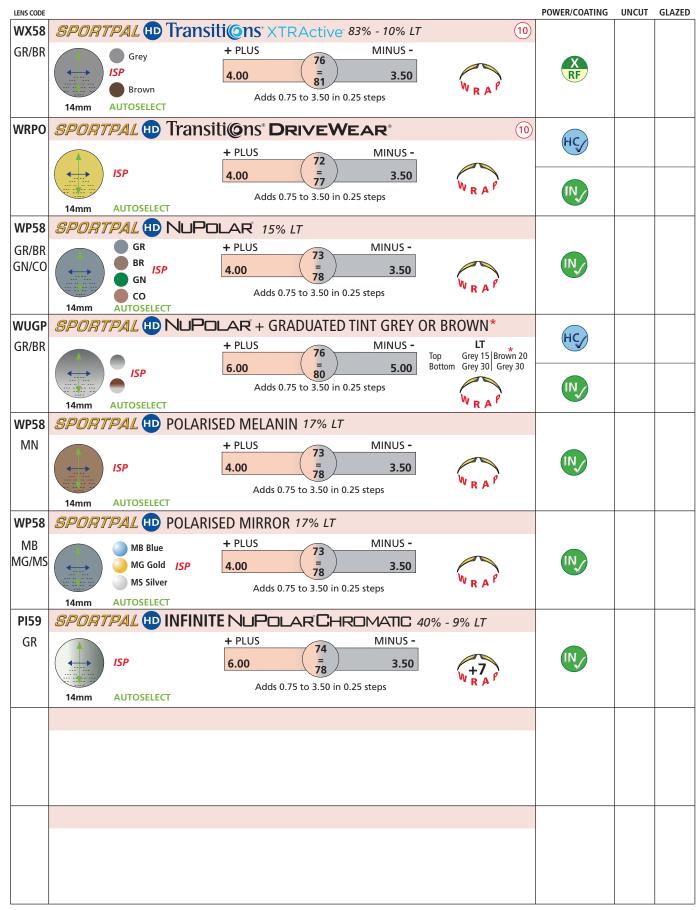
AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.



POLYCARB SPORTPAL HD PROGRESSIVES





AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

The **SPORTPAL** Rx range is confirmed on +8.00 Base lens wraps. Should +6.00 base be sufficiently curved this will then have the effect of **reducing** the available plus range by 2.00D but **increasing** the minus availability by a further 2.00D.

XXL - Need a larger diameter HD Progressive for those oversize Fashion, Sun or Sports frames?

You can add 10mm to the effective diameter by stating XXL next to the HD Progressive or HD SV, additional price see page 136.

* All SPORTPAL lens forms also available as S.E.P. Atoral design central 50mm with free-form edge blend to reduce substance.









RESIN LENSES MID INDEX 1.60

RESIN MR8

RESIN UV410

RESIN PRE-TINT

Reactolite®

Transiti@ns[®]

Transitions GEN8

Transitions XTRActive

NuPolar

CLEAR 1.60 UV410
PRODUCTS CODED UV410

1.6

Index MR8 42

Abbe

1.3g/cm³

Density

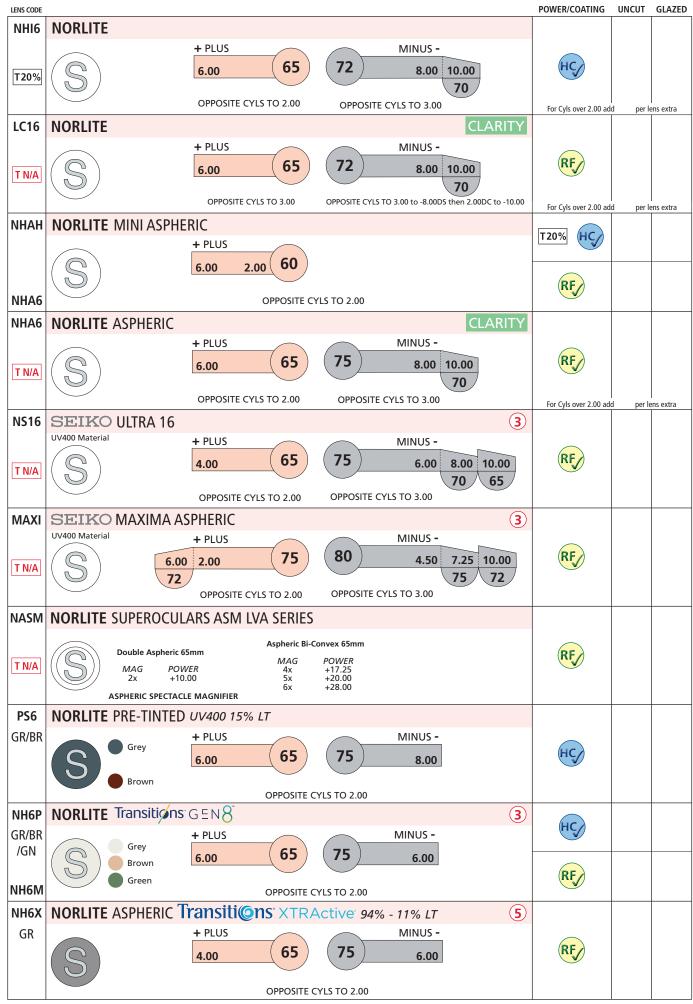
395nm

UV



RESIN SINGLE VISION FINISHED STOCK

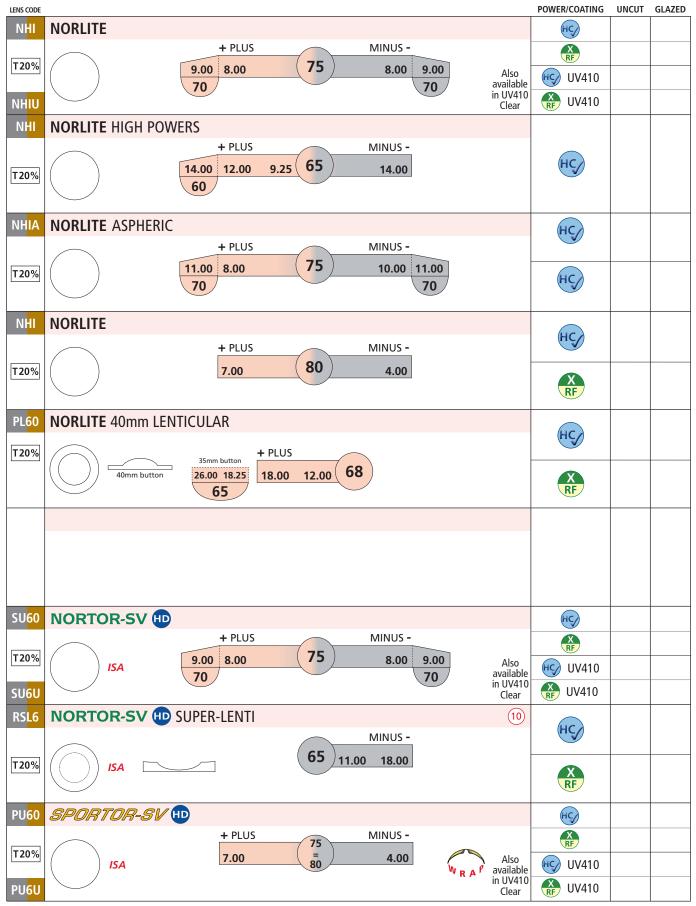






RESIN SINGLE VISION





Overcoloured background indicates **Reactolite**® availability quick guide or see separate catalogue



RESIN SINGLE VISION - CONTRAST FILTERS

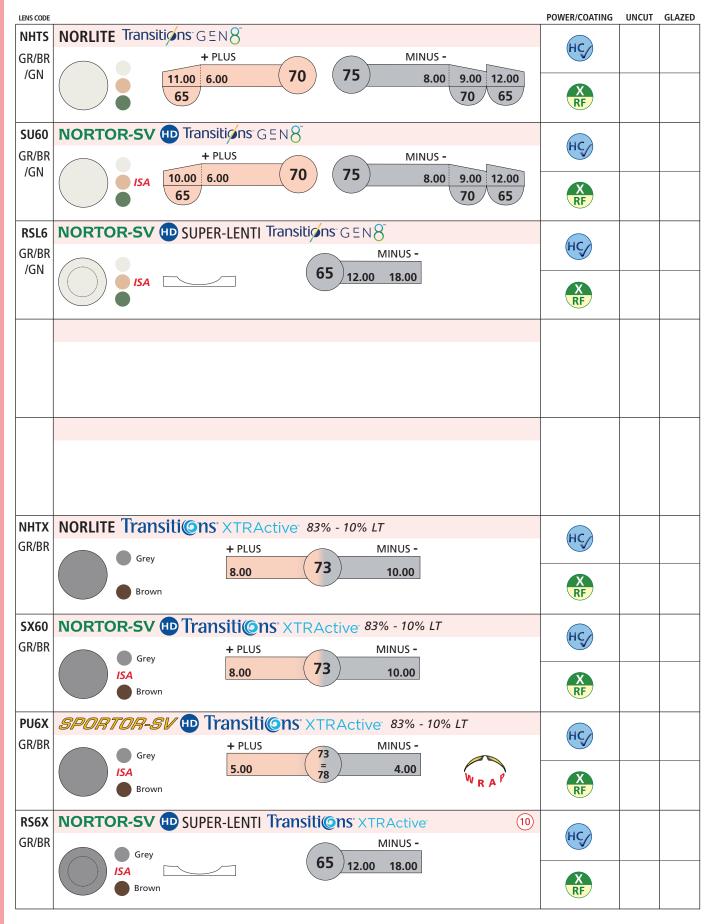


LENS CODE		POWER/COATING	UNCUT	GLAZED
NCNS	NORLITE NEO A1 CONTRAST UV400:580B 82% LT	l (inc)		
	+ PLUS MINUS -	HC		
T20%	8.00 (75) 10.00			
120 /0		X RF		
	OPPOSITE CYLS TO 2.00			
NUNL	NORTOR-SV (ID) NEO A1 CONTRAST UV400:580B 82% LT			
	+ PLUS MINUS -	HC		
T20%	15A 8.00 (75) 8.00			
12070		X RF		
PUNL	SPORTOR-SV HD NEO A1 CONTRAST UV400:580B 82% LT	(HC)		
	+ PLUS MINUS -	HC		
T20%	15A 4.00 = 4.00			
	WRAP	X		
NHNC	NORLITE NEO A2 CONTRAST UV400:580B 72% LT	HC		
	+ PLUS MINUS -			
T20%	8.00 (75) 10.00			
		X RF		
	OPPOSITE CYLS TO 2.00			
NUNE	NORTOR-SV (10) NEO A2 CONTRAST UV400:580B 72% LT	HC		
	+ PLUS MINUS -			
T20%	15A 8.00 75 8.00			
		RF		
DUNE	COORTON CIVIN NEO A2 CONTRACT LIVADOLEGOD 7200 AT			
PUNE	SPORTOR-SV (ID) NEO A2 CONTRAST UV400:580B 72% LT	HC		
	+ PLUS MINUS -			
T20%	15A 4.00 = 4.00	X		
	W R A	RF		
EAGE	EAGLE TINT UV410 BROWN 47% LT			
EAGO	+ PLUS MINUS -	HC		
[00			
	6.00 80 6.00	X		
		RF		
SU60	NORTOR-SV (ID) EAGLE TINT UV410 BROWN 47% LT			
ET	+ PLUS MINUS -	HC		
	600 80 600			
	15A 6.00 6.00	X		
		RF		
PU60	SPORTOR-SV IID EAGLE TINT UV410 BROWN 47% LT			
ET	+ PLUS MINUS -	HC		
"	400 = 400			
	15A 4.00 W R A P	X		
		RF		
		l .		

1.60

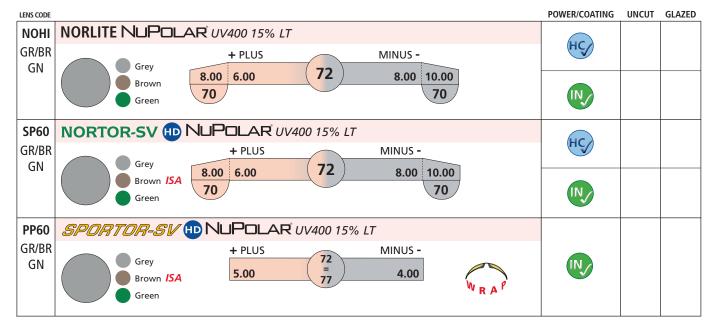
RESIN SINGLE VISION Transitions



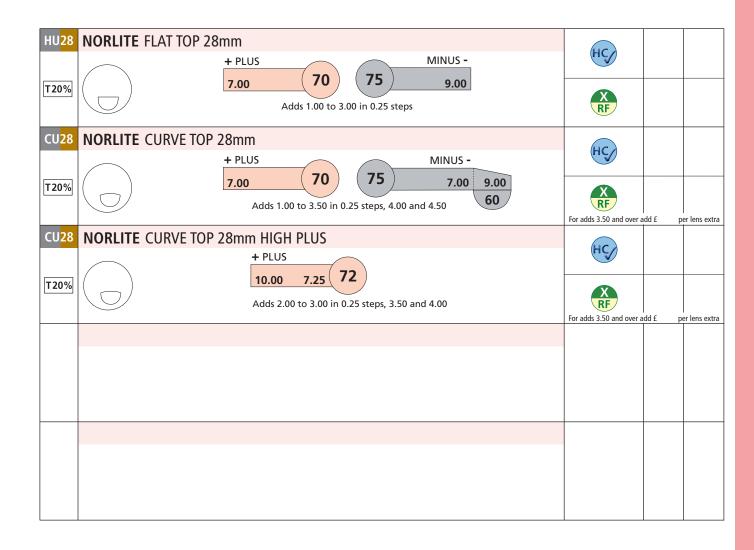




RESIN POLARISED SINGLE VISION

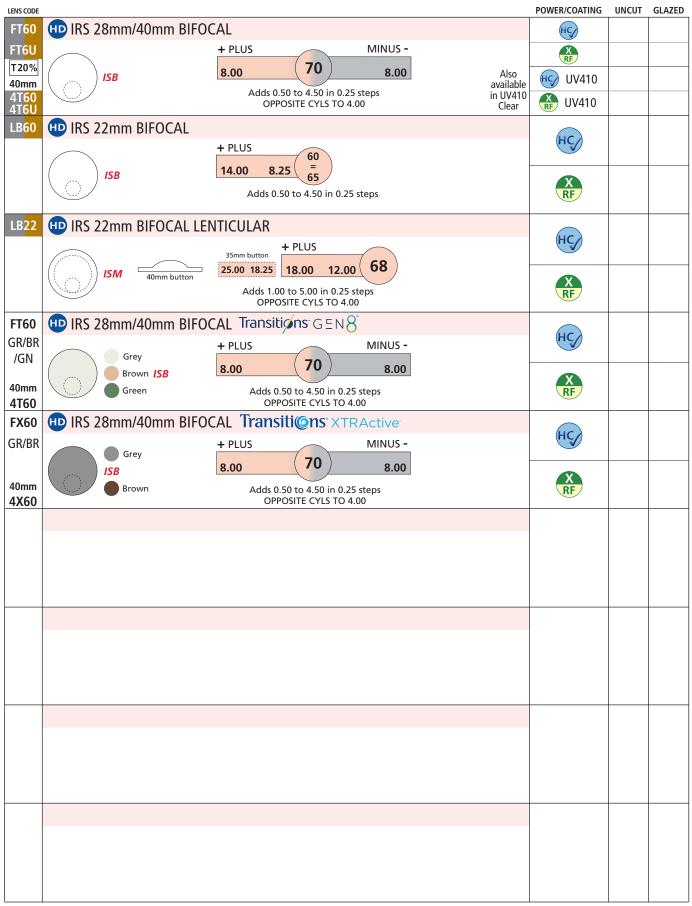


RESIN BIFOCALS





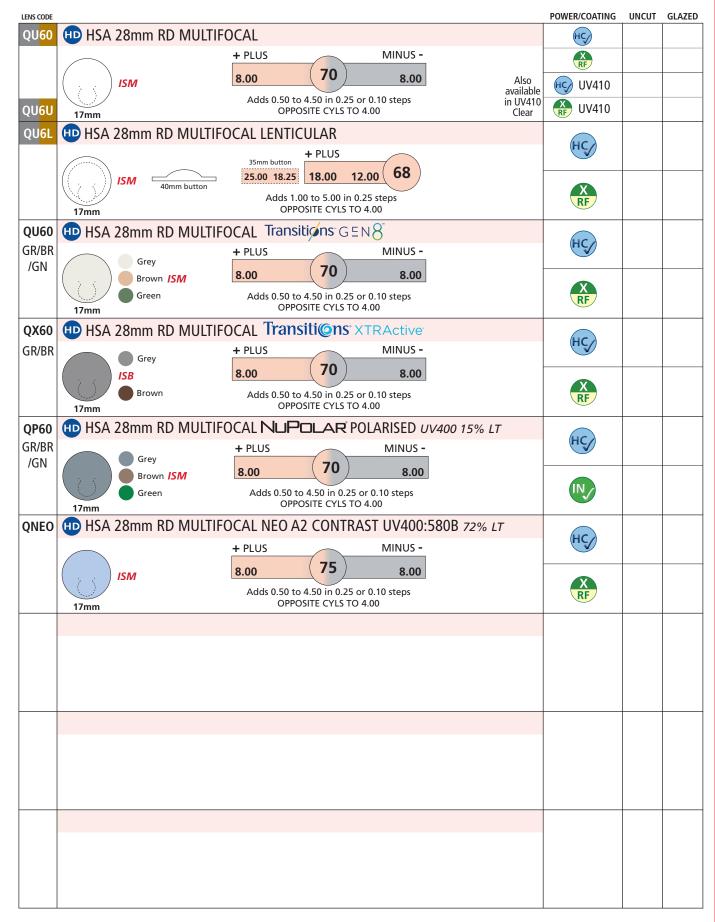




Overcoloured background indicates **Reactolite**® availability quick guide or see separate catalogue

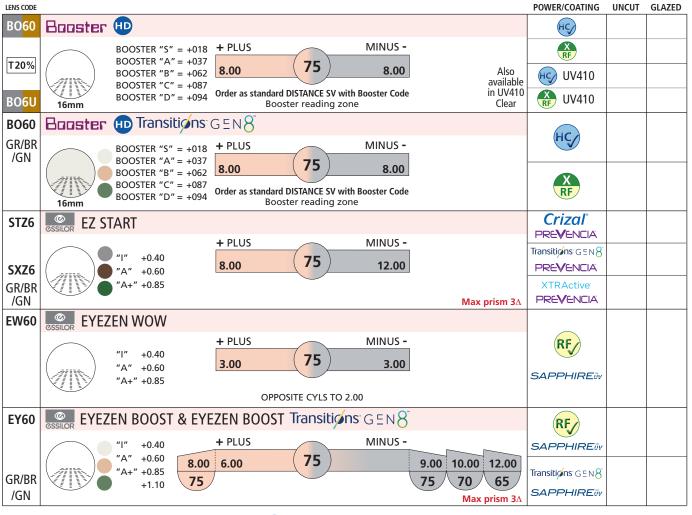


RESIN HD HSA 28mm RD MULTIFOCAL





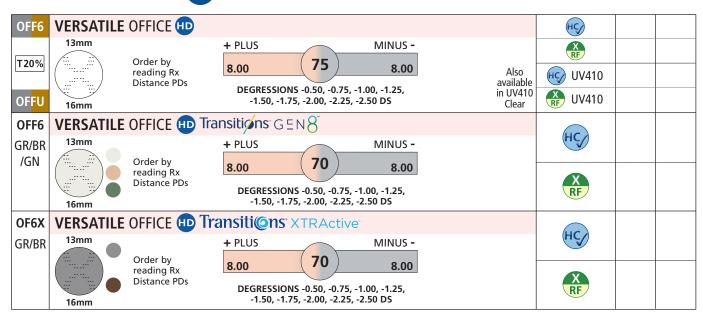




RESIN HD NIGHT MYOPIA ZONE

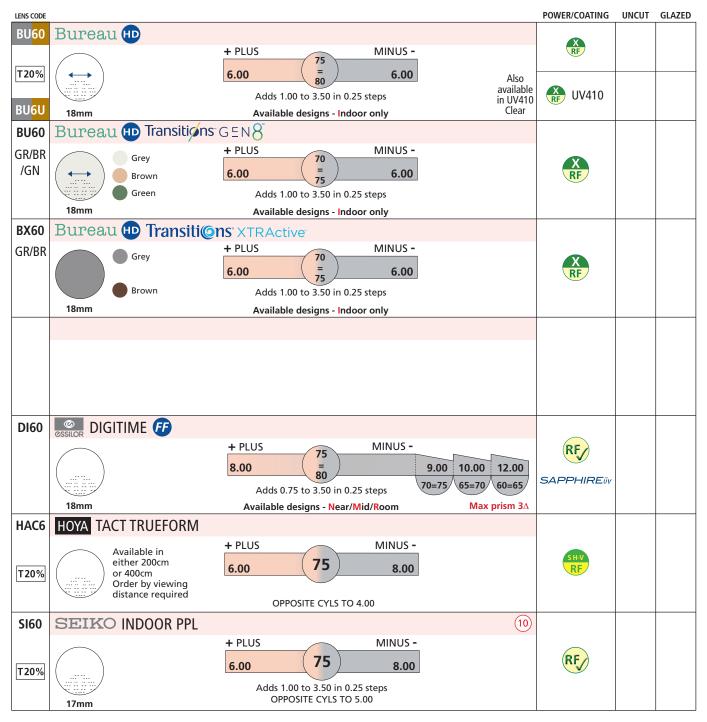


RESIN HD DEGRESSIVES (ENHANCED NEAR VISION)

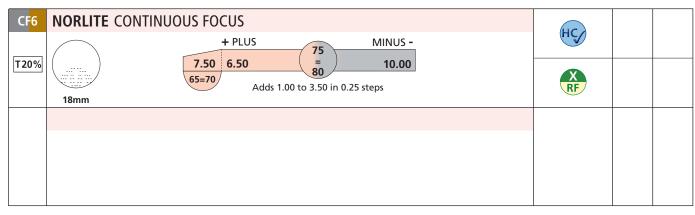




RESIN OCCUPATIONAL PROGRESSIVES



RESIN PROGRESSIVES







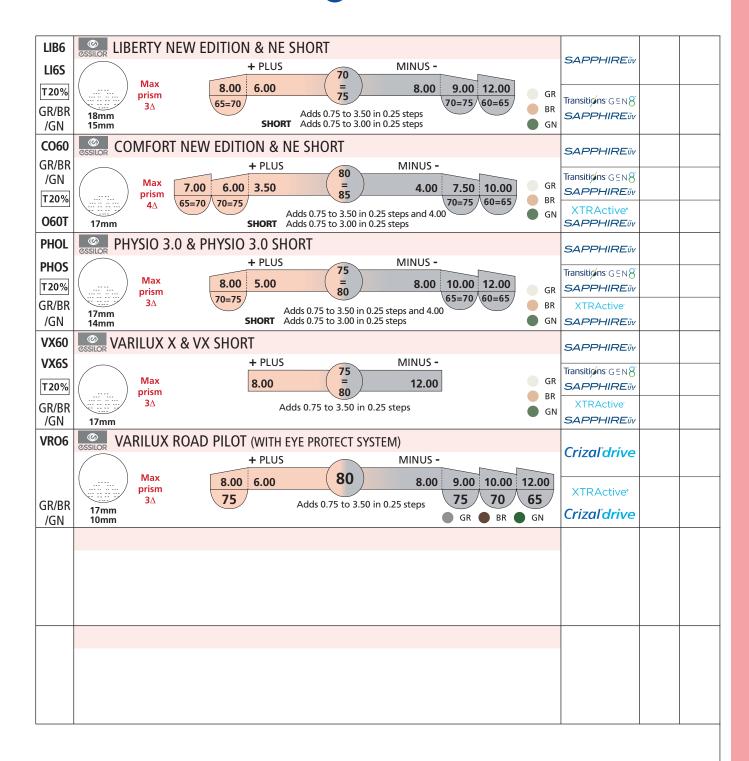
LENS CODE								POWER/COATING	UNCUT	GLAZED
VU <mark>60</mark>	∀ECTO R	& VECTOR EXTRA						HC		
T200/	1	160	+ PLUS	MINUS	-			X RF		
T20%		ISP	7.00	75 8.00		Max prism Al avail		HC UV410		
VU <mark>6U</mark>	15mm VXS 11mm	AUTOSELECT		o 3.50 in 0.25 steps signs - General Only		3∆ avail in U\ Cle	/410	X UV410		
NU60	ULTOR HI		Available de	signs - General Only				HC		
	OLIOR		+ PLUS	75 MINUS	_			X		
T20%		ISP	8.00		10.00	Al	50			
NUCLI			Adds 0.50 to	o 4.50 in 0.25 steps	70=75	avail in U\	/410			
NU6U	14mm	AUTOSELECT	Available designs	- General/Outdoor/Desk	:	Cle	ear	X UV410		
NU <mark>60</mark>	ULTOR HI	HIGH PLUS	+ PLUS	_				HC		
T200/		150		65						
T20%		ISP	10.00 8.25 \	70 o 4.50 in 0.25 steps				X		
	14mm	AUTOSELECT		- General/Outdoor/Desk				RF		
SN <mark>60</mark>	SENTO	R HD						HC		
	A		+ PLUS	75 MINUS	-			X		
T20%		ISP	8.00	80 8.00	0 10.00	Al		HC UV410		
SN6U				to 4.00 in 0.25 steps	70=75	avail in U\ Cle	/410	X UV410		
MO60	14mm SCREE	AUTOSELECT N HD	Available desi	gns - General/Outdoor		CIE	aı			
IVIOUU	Jenez		+ PLUS	MINUS	-			HC)		
T20%		ISP	7.00	76) 8.00)	Al	so	RF LIVAGO		
			Adds 0.75 t	o 4.00 in 0.25 steps	_	avail in U\	able	UV410		
MO6U	14mm	AUTOSELECT	Design	- Mobile Users		Cle		X UV410		
YU <mark>60</mark>	FREEW	AY HD	· DILIC	MAINILIC				X		
T20%			+ PLUS	75 MINUS						
120 /6		ISP	8.00 \	80 8.00 o 3.50 in 0.25 steps	70=75	Al avai	able	X UV410		
YU <mark>6U</mark>	18mm		Adds 0.75 (0 3.30 III 0.23 steps		in U\ Cle		RF OV410		
OST6	AFAR (D UV410								
	13mm		+ PLUS	MINUS	_			DE		
		ISP	8.00	75 8.00	0			KRF		
			Adds 0.50 t	to 4.50 in 0.25 steps						
RU <mark>60</mark>	18mm	VF HD						HC		
NO O O	MESOL		+ PLUS	MINUS	_			X		
T20%		ISP	8.00	= 8.00	0 10.00	Al	so	_		
				o 4.50 in 0.25 steps	70=75	avai in U\	able /410	UV410		
RU6U	14mm	AUTOSELECT		•		Cle	ear	№ UV410		
CM ₆₀	Digito	OHD)	· BLUG							
			+ PLUS	75 MINUS				RF		
T20%		ISP	8.00	12.00	J					
	14mm	AUTOSELECT	Aads 0./5 t	o 4.50 in 0.25 steps						
PG <mark>60</mark>	PARAG	ON OHD								
			+ PLUS	MINUS	-			Ann		
T20%		ISP	7.00	75) 12.00)			BA		
	12:	AUTOSELECT		o 4.00 in 0.25 steps	_					
	12mm	AUTOSELECT	Available designs	- General/Outdoor/Desk	(





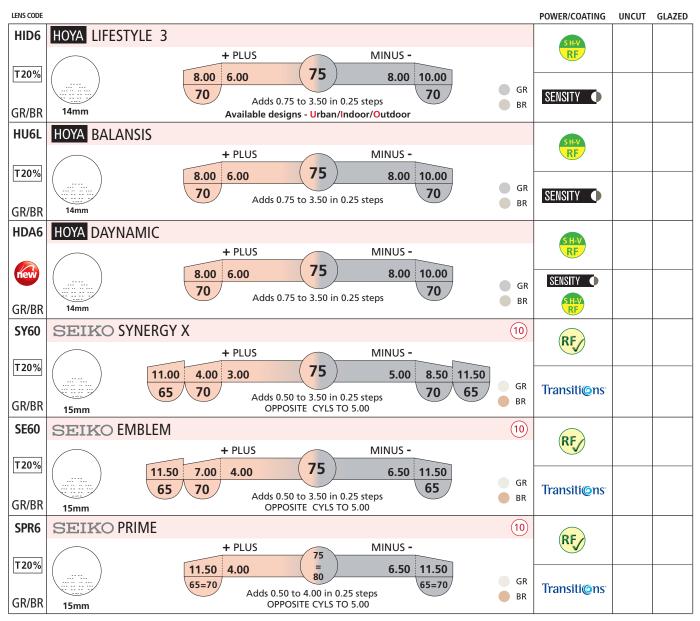


RESIN F PROGRESSIVES

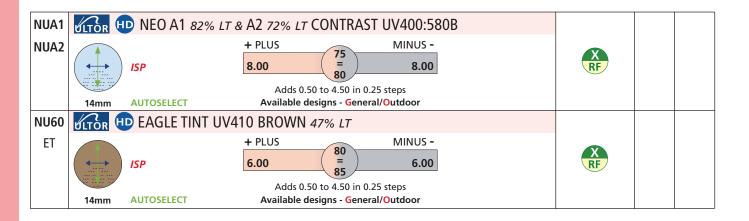


RESIN PROGRESSIVES





RESIN HD PROGRESSIVES







AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.



RESIN HD PROGRESSIVES Transitions

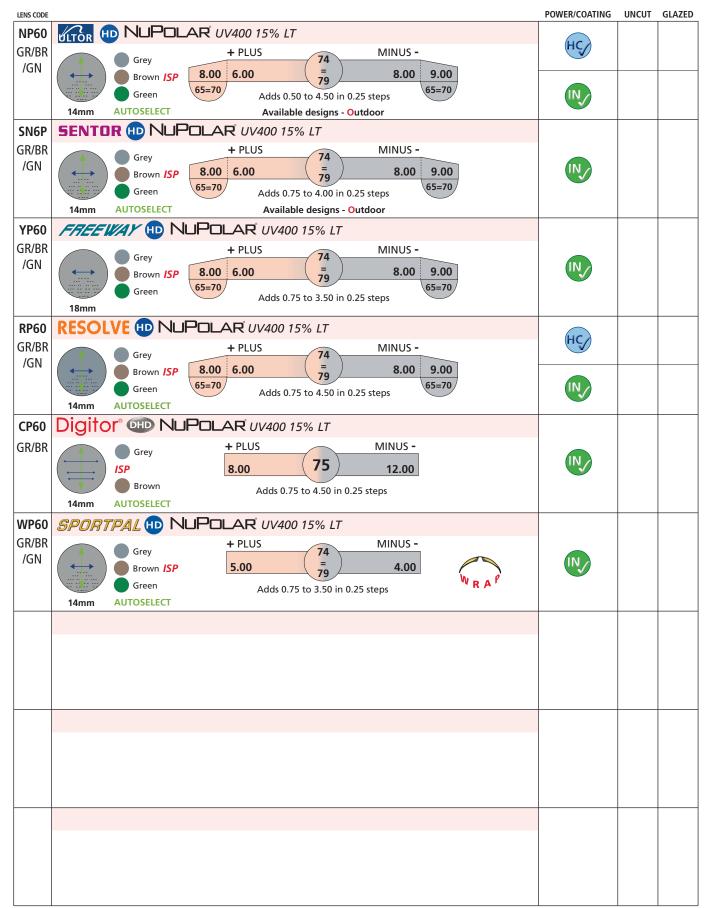


LENS CODE						POWER/COATING	UNCUT	GLAZED
NU6X	ULTOR HD Tr	ransiti@ns [®] X [®]	TRActive"					
GR/BR		Grey	+ PLUS 73	MINUS -		HC		
	← ISP	,	8.00	10.00				
	• E	Brown	Adds 0.50 to 4.50 in 0.	25 steps		RF		
		OSELECT	Available designs - Gener	al/ <mark>O</mark> utdoor				
SNX6	SENTOR (1	D Transiti@n				HC		
GR/BR		Grey	+ PLUS 73	MINUS -				
	ISP	-	8.00	10.00				
		Brown OSELECT	Adds 0.75 to 4.00 in 0.	•		RF		
MOVE		Transiti@r	Available designs - Gener	al/Outdoor				
MOX6 GR/BR	SLREEN (Hansider	+ PLUS	MINUS -		HC		
GR/BR		Grey	8.00	10.00				
	ISP	Brown	78			X		
		OSELECT	Adds 0.75 to 4.00 in 0 Design - Mobile U	· ·		RF		
YU6X	FREEWAY	Transition	©ns ° XTRActive					
GR/BR		Grey	+ PLUS	MINUS -				
	← ISP	dicy	8.00	10.00		X RF		
		Brown	Adds 0.75 to 3.50 in 0.					
	18mm		Add3 0.73 to 3.30 iii 0.	23 жерз				
RU6X	RESOLVE	Transiti@	ns XTRActive			(1)		
GR/BR		Grey	+ PLUS 73	MINUS -		HC		
	★ ISP		8.00	10.00				
		Brown	Adds 0.75 to 4.50 in 0.	25 steps		RF		
		OSELECT The state of the state	0 T					
CM6X	Digitor	Transiu(ns & Transiti@ns					
GR/BR		Grey	+ PLUS	MINUS -		RF		
	ISP	_	8.00 75	12.00		K		
		Brown OSELECT	Adds 0.75 to 4.50 in 0.	25 steps				
WU6X			i@ns ° XTRActive	83% - 10% IT				
GR/BR			+ PLUS	MINUS -		HC		
GIVER	ISP	Grey	5.00 =	4.00				
		Brown	78 Adds 0.75 to 3.50 in 0.		WRAP	X		
	14mm AUTO	OSELECT	Adds 0.75 to 5.50 III 0	zo steps		KF		

AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.





AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.









RESIN LENSES MID INDEX 1.60

XT16 - HIGHER IMPACT n=1.60

Reactolite®

1.597

Index XT16 39

Abbe

1.30g/cm³

Density

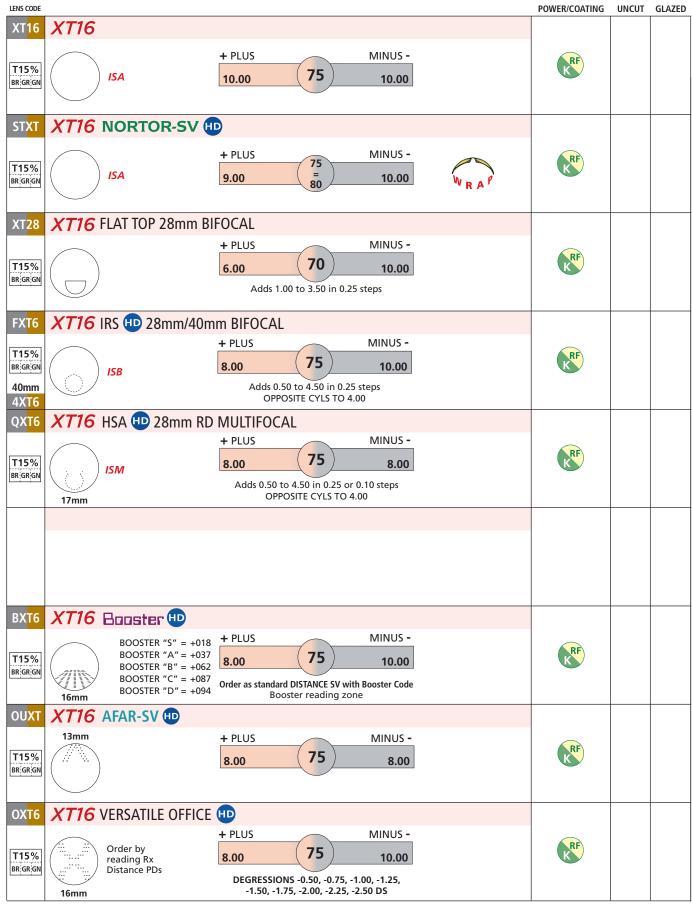
395nm

UV



XT16

1.60



Overcoloured background indicates **Reactolite**® availability quick guide or see separate catalogue

1.60

XT16



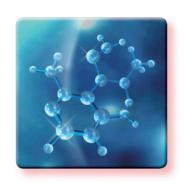
LENS CODE			POWER/COATING	UNCUT	GLAZED
NXT6	XT16 VITOR HD				
T15% BR GR GN	15P 14mm AUTOSELECT	+ PLUS MINUS - 8.00	RF		
SXT6	XT16 SENTOR HD				
T15% BR GR GN	ISP 14mm AUTOSELECT	+ PLUS MINUS - 8.00	RF		
MXT6	XT16 SCREEN HD				
T15%	1SP 14mm AUTOSELECT	+ PLUS MINUS - 8.00 75 10.00 Adds 0.75 to 4.00 in 0.25 steps Design - Mobile Users	RF		
BUXT	XT16 Bureau HD				
T15% BR GR GN	18mm	+ PLUS MINUS - 8.00 75 10.00 Adds 0.75 to 3.50 in 0.25 steps Available designs - Indoor only	RF		
OXTA	XT16 AFAR 🕪				
T15% BR GR GN	13mm ISP	+ PLUS MINUS - 8.00 75 8.00 Adds 0.50 to 4.50 in 0.25 steps	RF		
NSTX T15% BR GR GN	XT16 NST (1)	+ PLUS MINUS - 8.00	RF		
	14mm AUTOSELECT	·			
T15% BR GR GN	XT16 RESOLVE HD ISP 14mm AUTOSELECT	+ PLUS MINUS - 8.00 = 10.00 Adds 0.75 to 4.50 in 0.25 steps	RF		
YXT6	XT16 FREEWAY HD				
T15% BR:GR:GN	ISP	+ PLUS MINUS - 8.00	RF		
MOXT T15% BR:GR:GN	XT16 MONOPAL HID ISP 14mm AUTOSELECT	+ PLUS MINUS - 8.00	RF		

AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.









RESIN LENSES MID INDEX 1.60

TM PPG INDUSTRIES INC.

Reactolite®

tribrid_™ Transiti@ns[®]

1.596

Index TRIBRID 41

Abbe

1.23g/cm³

Density

395nm

UV



tribrid™lenses



Tribrid™ lenses are produced using a unique hybrid material technology that is the combination of Trivex® lens material and higher index resins. Abbe value = 41, Density = 1.36 g/cm³

Tribrid lenses are up to 5 times more break resistant than other 1.60 and 1.67 lenses.

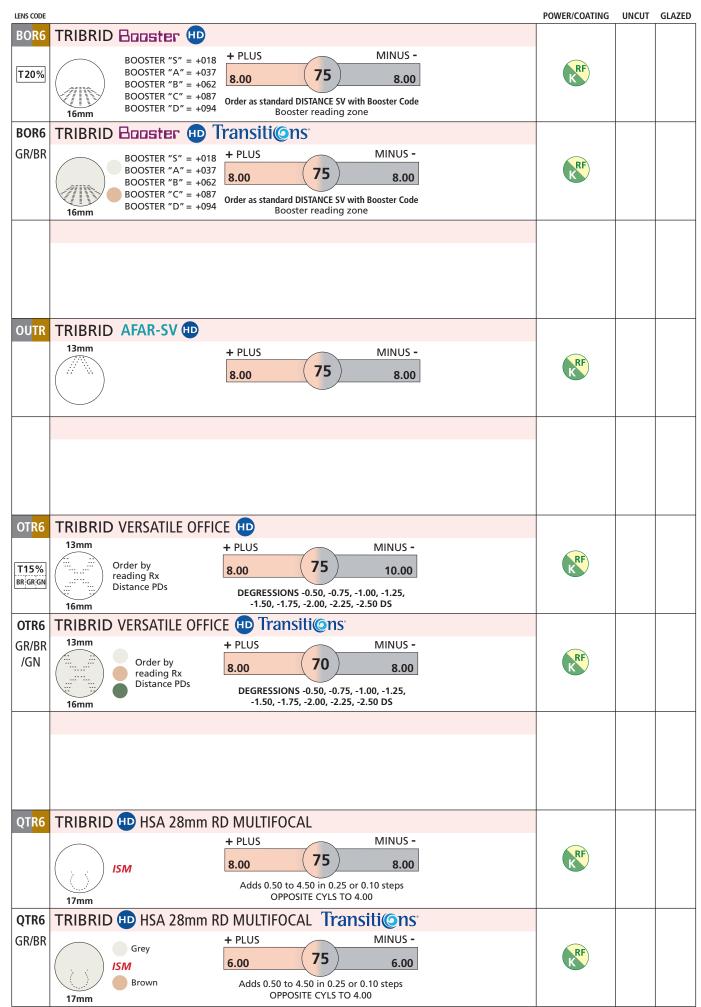
* Impact resistant lenses are neither shatterproof nor unbreakable. Lens processing and coatings may alter the impact resistance of any lens material.

LENS CODE	" impact resistant ienses are neitner snatterproot nor unbreakable. Lens processing and coatings may after the impact re	POWER/COATING	GLAZED
STRS	TRIBRID		
T N/A	+ PLUS MINUS - 6.00 8.00 OPPOSITE CYLS TO 2.00	RF	
STR6	TRIBRID NORTOR-SV (ID)		
T15% BR GR GN	+ PLUS MINUS - 10.00 9.00 7.00 75 10.00 W R A P	RF	
STR6	TRIBRID NORTOR-SV (10) Transiti@ns		
GR/BR	+ PLUS MINUS - 7.00 75 10.00	RF	
PTR6	TRIBRID SPORTOR-SV (10) Transitions		
GR/BR	# PLUS MINUS - Second Final Point	RF	
	TRURBUR 10 //0 RIFOCAL		
FTR6	TRIBRID HD IRS 28mm/40mm BIFOCAL		
T15% BR GR GN 40mm 4TR6	+ PLUS MINUS - 8.00 75 10.00 Adds 0.50 to 4.50 in 0.25 steps OPPOSITE CYLS TO 4.00	RF	
FTR6	TRIBRID IN IRS 28mm/40mm BIFOCAL Transitions		
GR/BR	+ PLUS MINUS -		
40mm 4TR6	Grey ISB Adds 0.50 to 4.50 in 0.25 steps OPPOSITE CYLS TO 4.00	K	

^{*}For exact stock range availability and volume uncut pricing please refer to our NLS Finished Stock Lens Catalogue or see online - www.norville.co.uk



tribrid[™] lenses





tribrid[™] lenses



LENS CODE			POWER/COATING	UNCUT	GLAZED
BTR6	TRIBRID Bureau 🕕				
		+ PLUS MINUS -			
T15%	(•···)	8.00 (75)	KRF		
BR GR GN		Adds 0.75 to 3.50 in 0.25 steps			
	18mm	Available designs - Indoor only			
NTR6	TRIBRID VITOR HD				
		+ PLUS MINUS -	(PE		
T15%	(SP	8.00 (75) 10.00	KRF		
BR GR GN		Adds 0.50 to 4.50 in 0.25 steps			
	14mm AUTOSELECT	Available designs - General/Outdoor/Desk			
SRN6	TRIBRID SENTOR HD				
		+ PLUS MINUS -			
T15%	(SP	8.00 (75)	KRF		
BR GR GN		Adds 0.75 to 4.00 in 0.25 steps			
	14mm AUTOSELECT	Available designs - General/Outdoor			
MR <mark>N6</mark>	TRIBRID SCREEN HD				
		+ PLUS MINUS -			
T15%	(ISP	8.00 (75)	KRF		
BR GR GN		Adds 0.75 to 4.00 in 0.25 steps			
	14mm AUTOSELECT	Design - Mobile Users			
YTR6	TRIBRID FREEWAY				
		+ PLUS MINUS -			
T15%	(←) ISP	8.00 (75)	KRF		
BR GR GN		Adds 0.75 to 3.50 in 0.25 steps			
	18mm				
OSTR	TRIBRID AFAR HD				
	13mm	+ PLUS MINUS -			
T15%		8.00 (75) 8.00	RF		
BR GR GN	ISP				
	18mm	Adds 0.50 to 4.50 in 0.25 steps			
NS <mark>R6</mark>	TRIBRID NST IID				
		+ PLUS MINUS -			
T15%	(ISP	8.00 (5) 10.00	RF K		
BR GR GN		Adds 0.75 to 3.50 in 0.25 steps			
	14mm AUTOSELECT	Adus 0.75 to 3.50 iii 0.25 steps			
RTR6	TRIBRID RESOLVE HD				
		+ PLUS MINUS -			
T15%	(ISP	8.00 (5) 10.00	RF		
BR GR GN		80			
	14mm AUTOSELECT	Adds 0.75 to 4.50 in 0.25 steps			
MOTR	TRIBRID MONOPAL	D			
		+ PLUS MINUS -			
T15%	ISP	75	RF		
BR GR GN		80			
	14mm AUTOSELECT	Adds 0.75 to 3.50 in 0.25 steps			
$\overline{}$					

AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.



tribrid™ lenses

LENS CODE		POWER/COATING	UNCUT	GLAZED
NTR6	TRIBRID Transitions			
GR/BR	+ PLUS MINUS -	DE		
	6.00 (75) 10.00	RF		
	Brown Adds 0.50 to 4.50 in 0.25 steps			
CDNC	14mm AUTOSELECT Available designs - General/Outdoor/Desk TRIBRID SENTOR HD Transitions*			
SRN6 GR/BR	+ PLUS MINUS -			
GN/BN	Grey 6.00 (75) 10.00	RF		
	Denum Province			
	Adds 0.75 to 4.00 in 0.25 steps 14mm AUTOSELECT Available designs - General/Outdoor			
MRN6	TRIBRID SCREEN (ID) Transitions			
GR/BR	Grey + PLUS MINUS -			
	(50 (75) 10.00	RF		
	Adds 0.75 to 4.00 in 0.25 steps			
	14mm AUTOSELECT Design - Mobile Users			
YTR6	TRIBRID FREEWAY ID Transitions			
GR/BR	Grey + PLUS MINUS -	RF		
	6.00 (75) 10.00	K		
	Brown Adds 0.75 to 3.50 in 0.25 steps			
RTR6	TRIBRID RESOLVE Transitions			
GR/BR	Grey + PLUS MINUS -			
	6.00 (75) 10.00	RF		
	Adds 0.75 to 4.50 in 0.25 steps			
	14mm AUTOSELECT			
WRT6	TRIBRID SPORTPAL Transitions			
GR/BR	+ PLUS MINUS -	RF		
	6.00 = 6.00	K		
	Adds 0.75 to 3.50 in 0.25 steps 14mm AUTOSELECT			
	14IIIII AUTOSELECT			
1 '		1		1

AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.









RESIN LENSES HIGH INDEX 1.67

RESIN

Reactolite®

Transiti@ns^{*}

Transitions G = N8

Transitions XTRActive

NuPolar

ENHANCED UV upgrade clear 1.67 UV410 productS CODED UV410

1.67

Index MR10 32

Abbe

1.36g/cm³

Density

395nm

UV

1.67

Index UV410 32

Abbe

1.36g/cm³

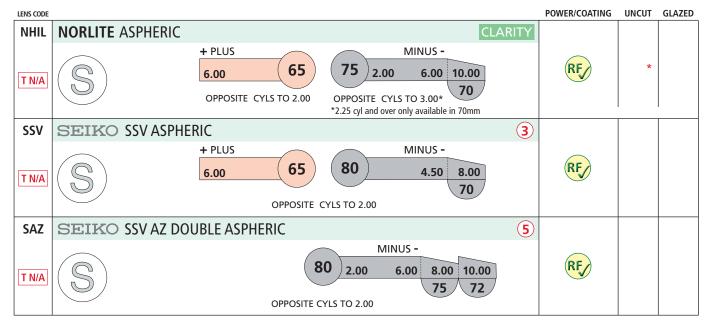
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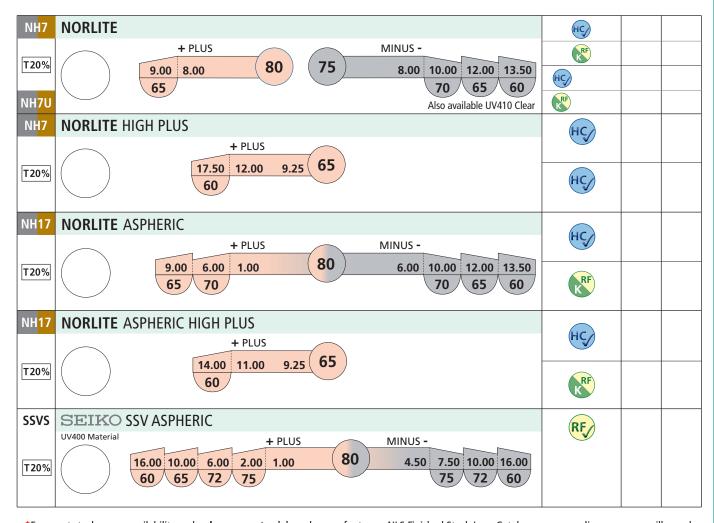
UV



RESIN SINGLE VISION FINISHED STOCK



RESIN SINGLE VISION



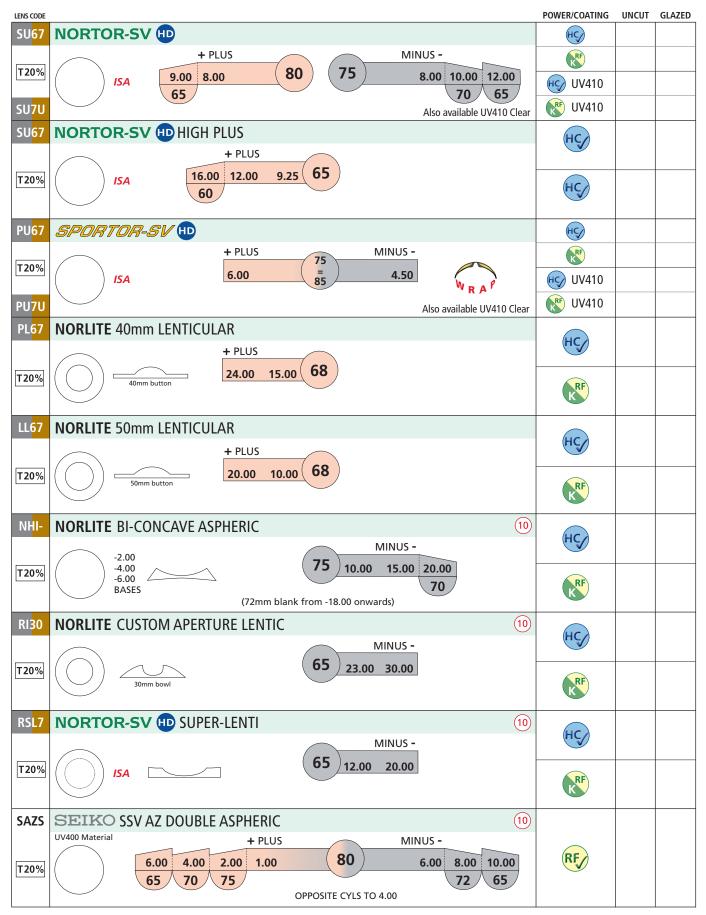
^{*}For exact stock range availability and volume uncut pricing please refer to our NLS Finished Stock Lens Catalogue or see online - www.norville.co.uk

Overcoloured background indicates $Reactolite^*$ availability quick guide or see separate catalogue

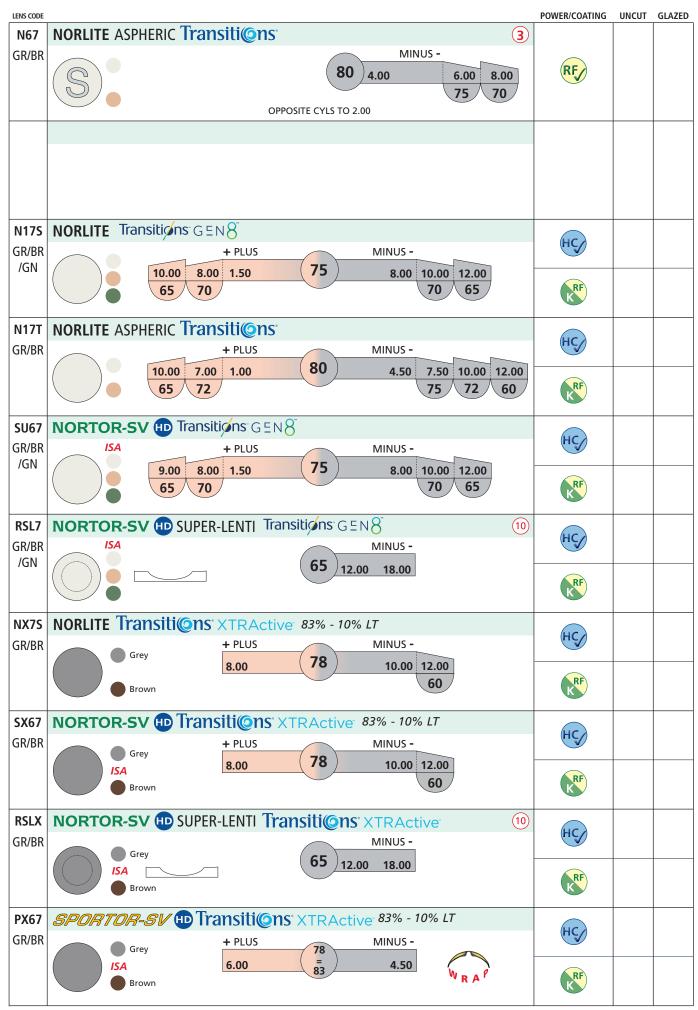
1.67

RESIN SINGLE VISION



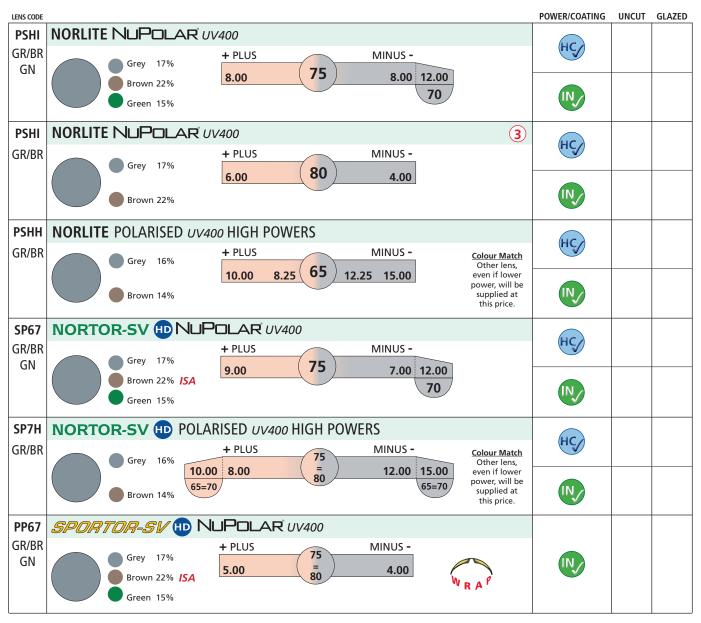


RESIN SINGLE VISION Transitions

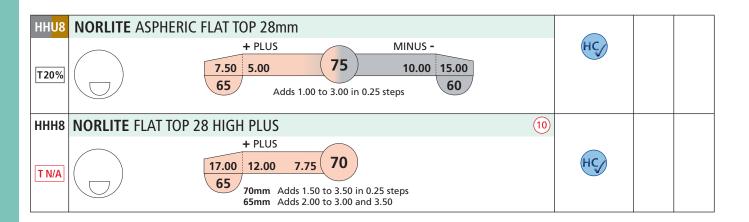


RESIN SINGLE VISION NUPOLAR



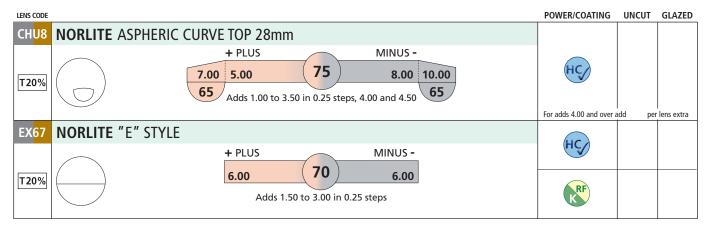


RESIN BIFOCALS

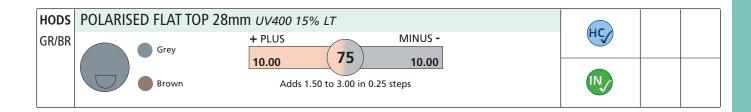




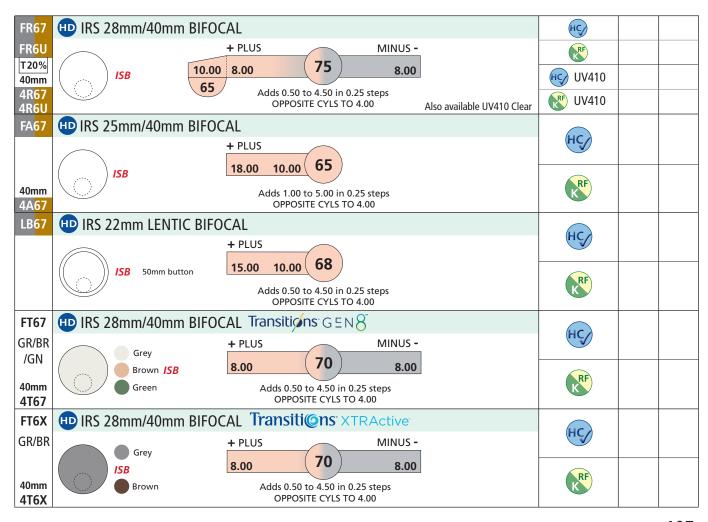
RESIN BIFOCALS



RESIN POLARISED BIFOCALS

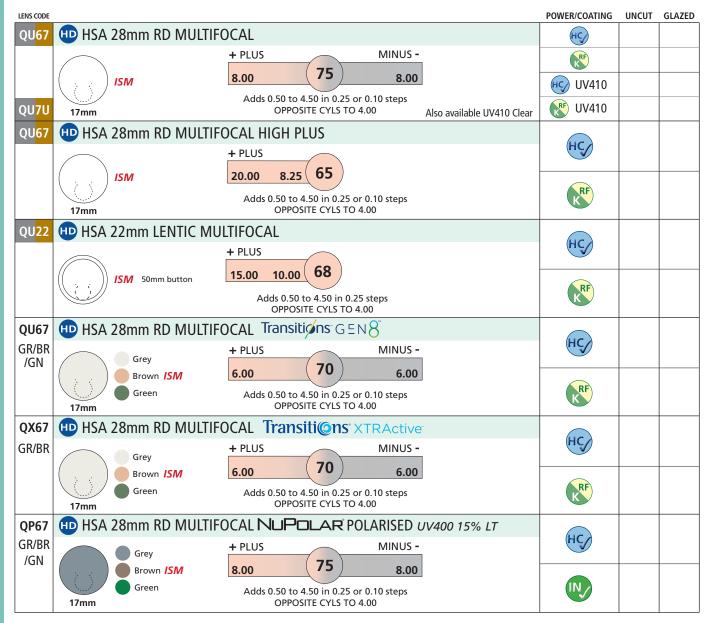


RESIN HD IRS BIFOCALS

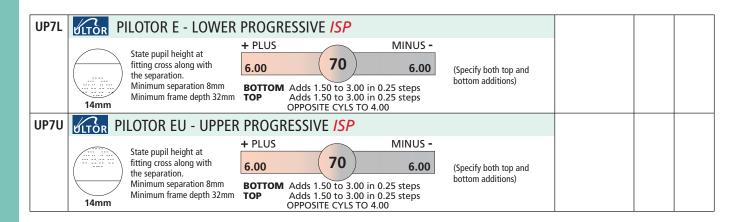


RESIN HD HSA 28mm RD MULTIFOCAL



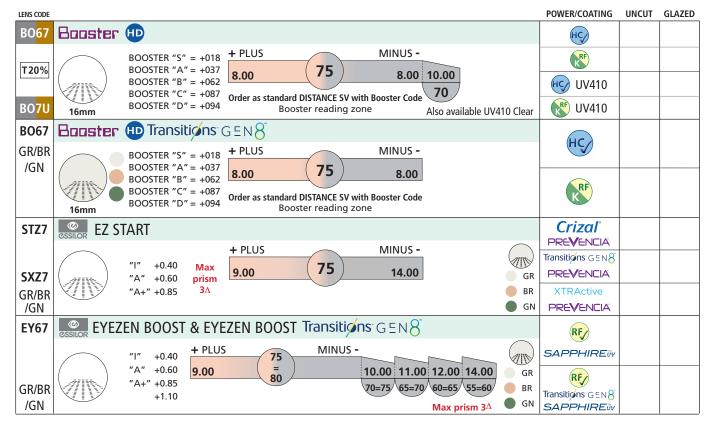


RESIN SPECIALIST PROGRESSIVES

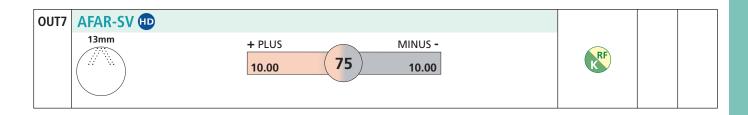




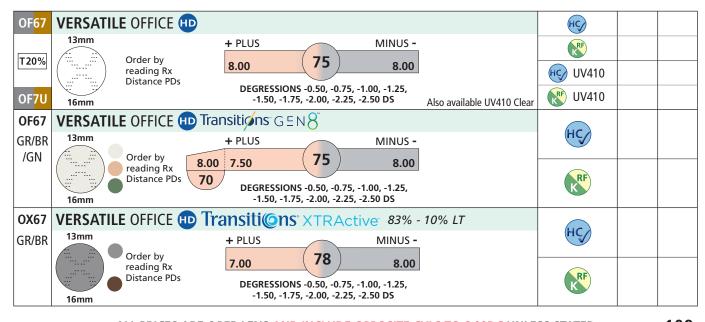




RESIN HD NIGHT MYOPIA ZONE



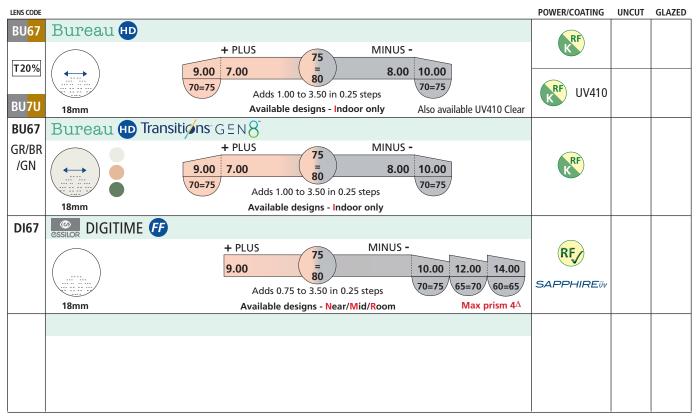
RESIN HD DEGRESSIVES (ENHANCED NEAR VISION)



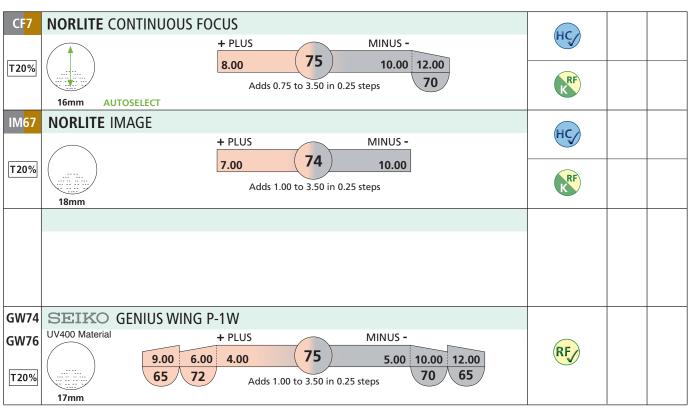


RESIN OCCUPATIONAL PROGRESSIVES





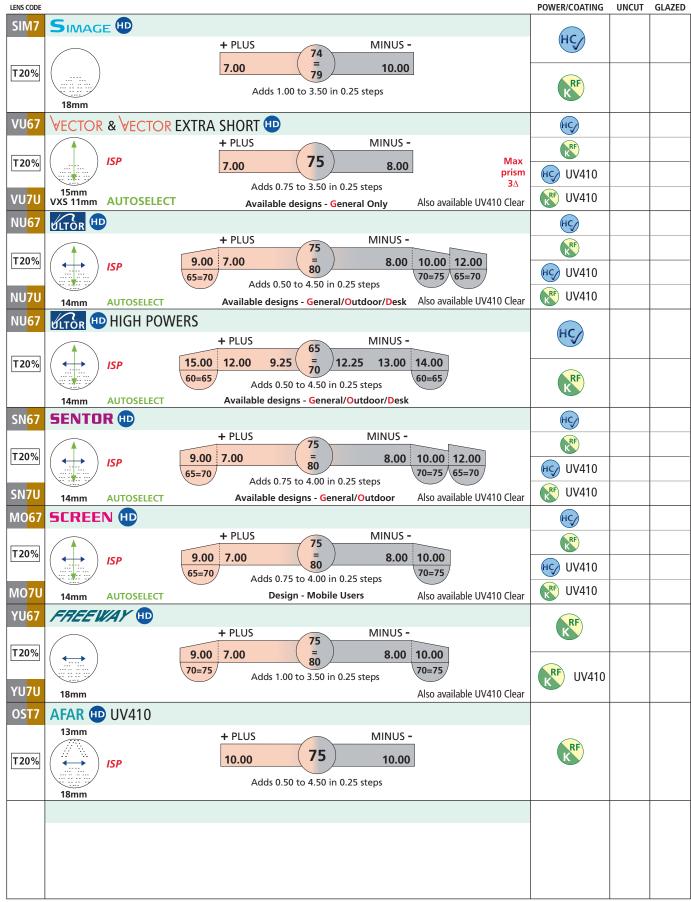
RESIN PROGRESSIVES



AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.







AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

→ Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

Overcoloured background indicates $Reactolite^{\circ}$ availability quick guide or see separate catalogue







LENS CODE								POWER/COATING	UNCUT	GLAZED
RU <mark>67</mark>	RESOL	VE IID						HC		
	1			+ PLUS	75	MINUS -		RF		
T20%		ISP	9.00 70=75	7.00	80	8.00	10.00 70=75	HC UV410		
RU7U	14mm	AUTOSELECT	70=73	Adds 0.7	75 to 4.50 in 0.25	steps	Also available UV410 Clear	UV410		
PG67	PARAG	SON OHD						_		
				+ PLUS		MINUS -				
T20%		ISP		8.00	(75)	14.00		BA		
	12	AUTOCFLECT		Adds 0.	.75 to 4.00 in 0.25	steps				
CM <mark>67</mark>	Digito	AUTOSELECT		Available des	igns - General/O	utdoor/Desk				
CIVIO	Digilo	ens :		+ PLUS		MINUS -		RF		
T20%		ISP		9.00	75	14.00				
		isr			75 to 4.50 in 0.25		ı	RF UV410		
CM <mark>67</mark>	14mm	AUTOSELECT		OPP	OSITE CYLS TO 8.	00				
WU <mark>67</mark>	SPORT	PAL HD						HC		
				+ PLUS	75	MINUS -		RF		
T20%		ISP		6.00	= 80	4.50				
				Adds 0.	75 to 3.50 in 0.25	steps	WRAP	•		
WU <mark>7U</mark>	14mm	AUTOSELECT					Also available UV410 Clear	RF UV410		
1	l							İ		

AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

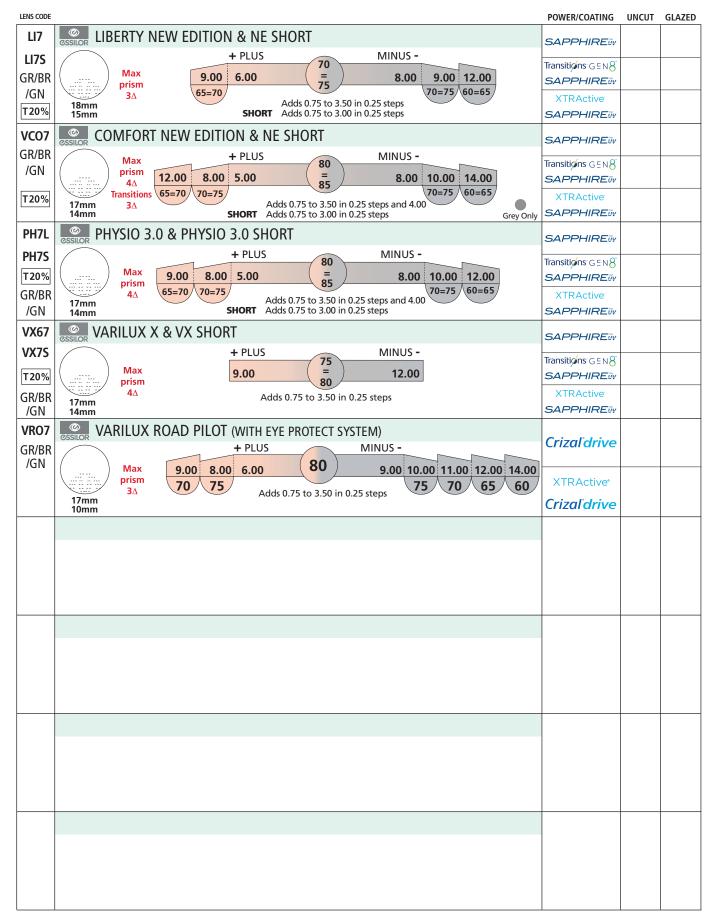
Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

XXL - Need a larger diameter HD Progressive for those oversize Fashion, Sun or Sports frames? You can add 10mm to the effective diameter by stating XXL next to the HD Progressive or HD SV, additional price see page 136.

* All SPORTPAL lens forms also available as S.E.P. Atoral design central 50mm with free-form edge blend to reduce substance.

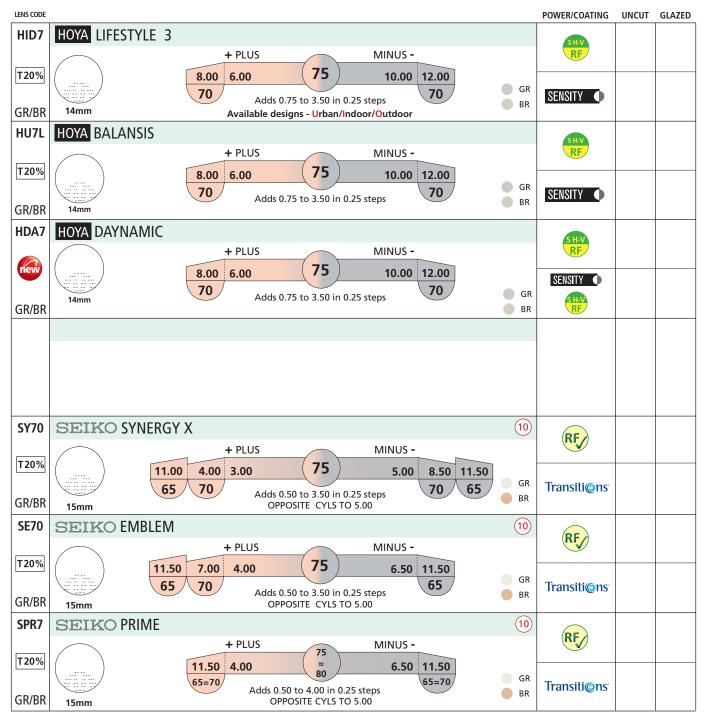




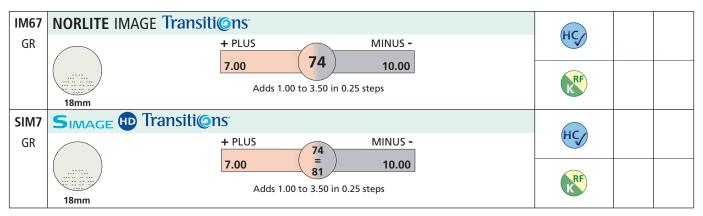






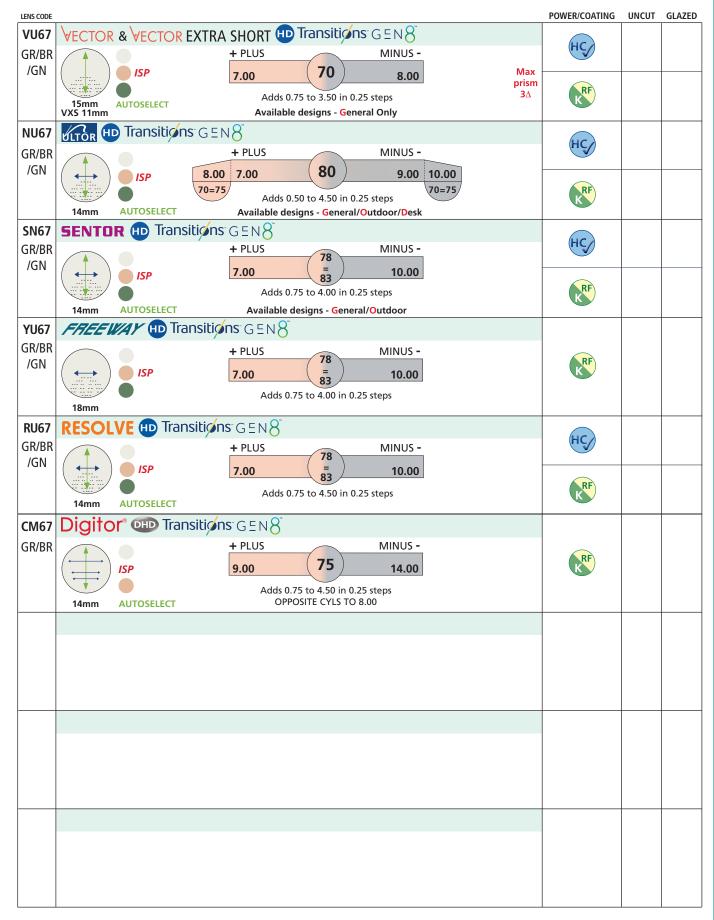


RESIN PROGRESSIVES Transitions





RESIN PROGRESSIVES Transitions GEN8



RESIN PROGRESSIVES Transitions



LENS CODE		POWER/COATING	UNCUT	GLAZED
NX67 GR/BR	+ PLUS MINUS -	HC		
	7.00 83 10.00 Adds 0.50 to 4.50 in 0.25 steps Available designs - General/Outdoor	RF		
SNX7 GR/BR	SENTOR HD Transitions XTRActive + PLUS MINUS -	HC		
	7.00 = 10.00 Adds 0.75 to 4.00 in 0.25 steps Available designs - General/Outdoor	RF		
YX67	FREEWAY ID Transitions' XTRActive			
GR/BR	+ PLUS MINUS - 7.00	RF		
RX67 GR/BR	RESOLVE (ID) Transitions' XTRActive + PLUS MINUS -	HC		
	7.00 83 10.00 Adds 0.75 to 4.50 in 0.25 steps	RF		
CM7X	Digitor® OHD Transitions® XTRActive®			
GR/BR	+ PLUS MINUS - 9.00 75 14.00 Adds 0.75 to 4.50 in 0.25 steps OPPOSITE CYLS TO 8.00	RF		
WX67 GR/BR	**PORTPAL **D Transitions* XTRActive* 83% - 10% LT + PLUS MINUS -	HC		
	15P = 4.50 Adds 0.75 to 3.50 in 0.25 steps	RF		





AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

XXL - Need a larger diameter HD Progressive for those oversize Fashion, Sun or Sports frames? You can add 10mm to the effective diameter by stating XXL next to the HD Progressive or HD SV, additional price see page 136.









RESIN LENSES VERY HIGH INDEX 1.74

RESIN

RESIN TINTABLE

Transiti@ns[®]

Transitions G EN8

ENHANCED UV UPGRADE*
Clear 1.74 UV410
products coded UV410

1.74

Index

33

Abbe

1.46g/cm³

Density

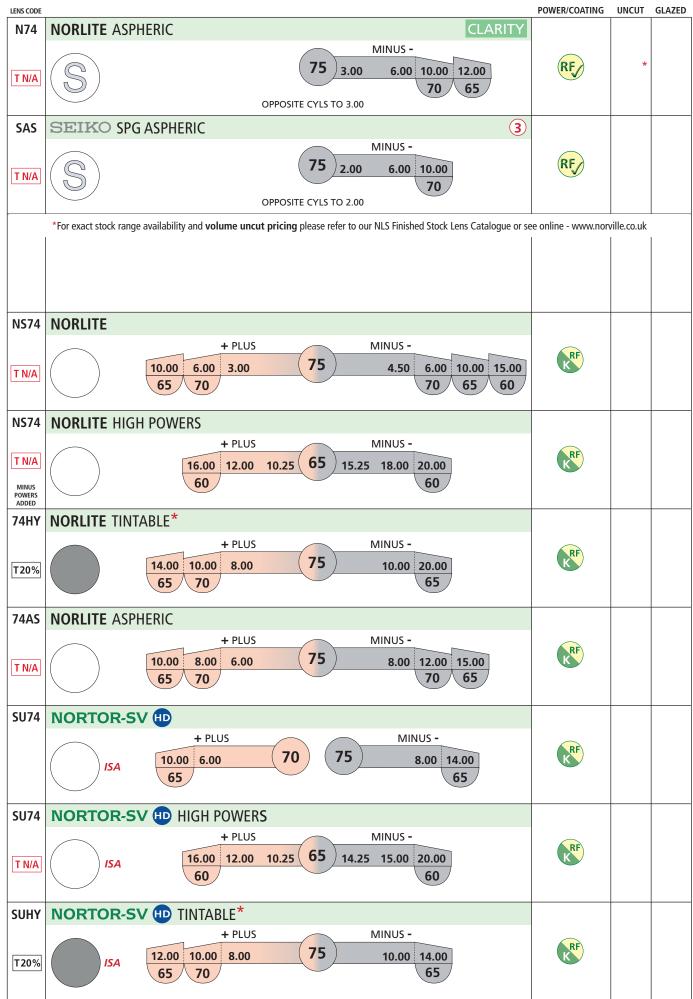
396nm

UV



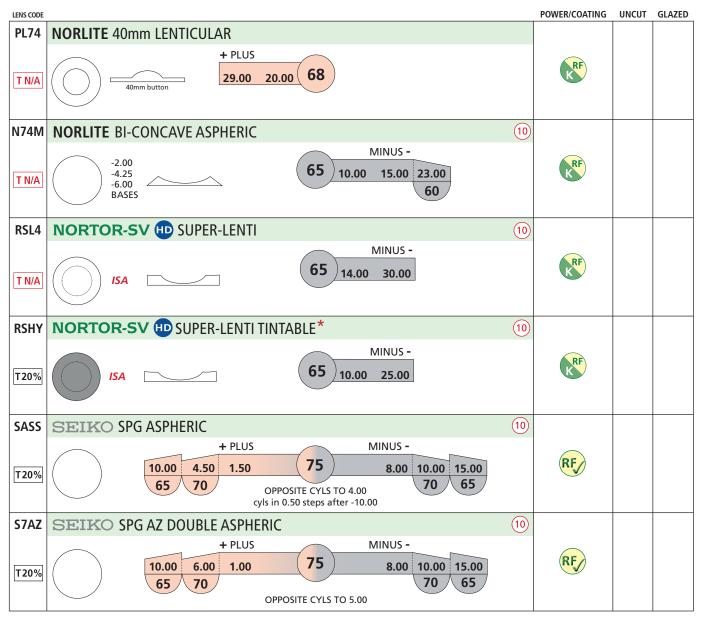
RESIN SINGLE VISION



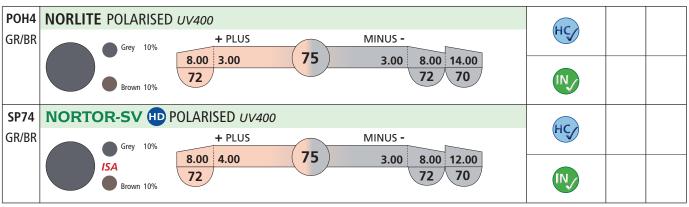


RESIN SINGLE VISION





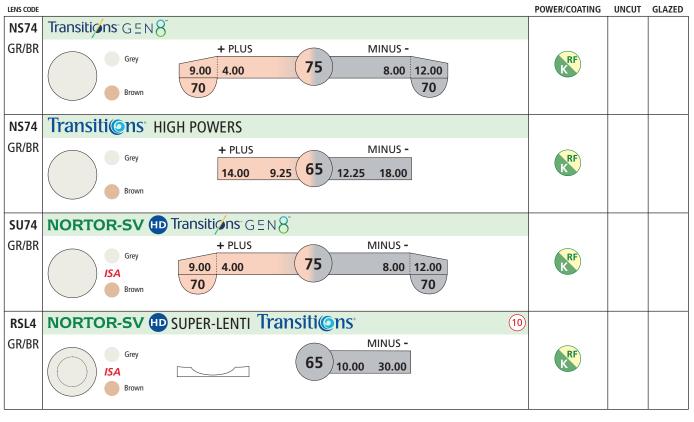
RESIN SINGLE VISION POLARISED



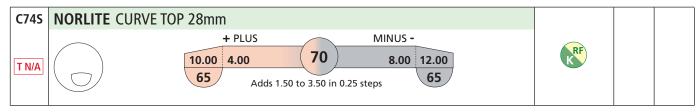
^{*}Note: Tints available on these products from 80% to 20% LTF - price excludes tint cost.



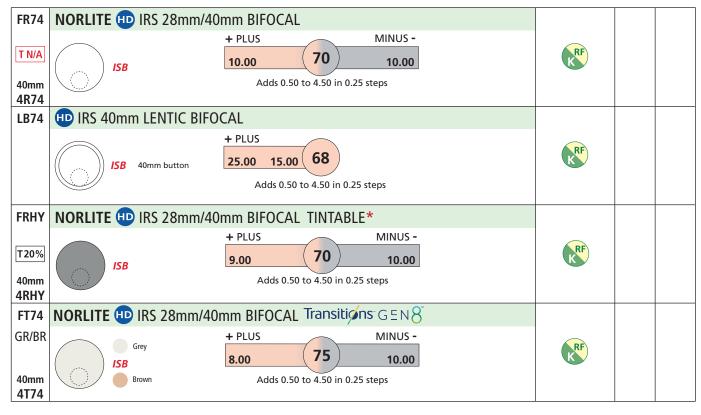
RESIN SINGLE VISION Transitions



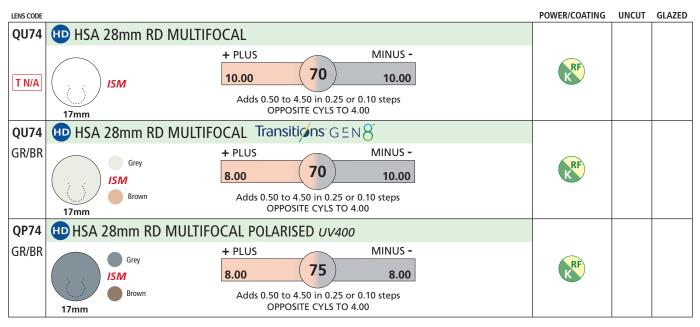
RESIN BIFOCALS



RESIN HD IRS BIFOCALS





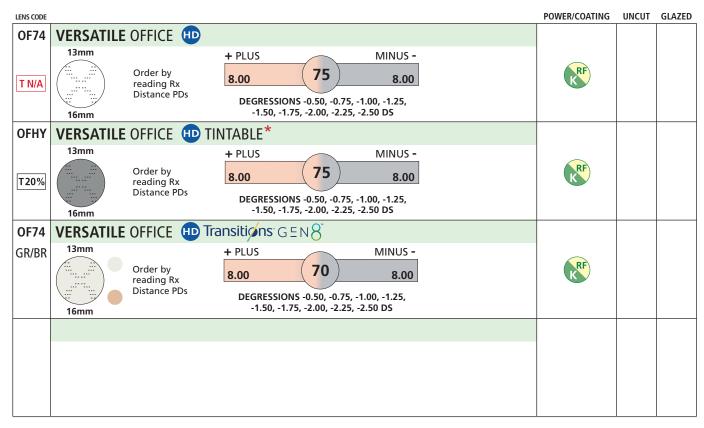


RESIN HD ENHANCED NEAR

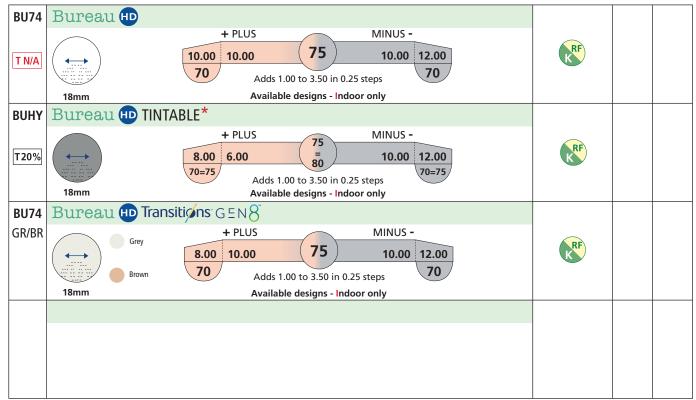
	_			\neg
B074	Booster HD			
T N/A	BOOSTER "A" = +037 BOOSTER "B" = +062	TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL	RF	
вону	Booster 🕪 TINTABLE*			
T20%	BOOSTER "A" = +037 BOOSTER "B" = +062 BOOSTER "C" = +087	TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL	RF	
BO74	Booster (ID) Transitions G	5N8°		
GR/BR	BOOSTER "A" = +037 BOOSTER "B" = +062	8.00 MINUS - 10.00 Order as standard DISTANCE SV with Booster Code Booster reading zone	RF	

 $[\]mbox{*}$ Note: Tints available on these products from 80% to 20% LTF - price excludes tint cost.





RESIN HD OCCUPATIONAL PROGRESSIVES



^{*}Note: Tints available on these products from 80% to 20% LTF - price excludes tint cost.

RESIN HD PROGRESSIVES

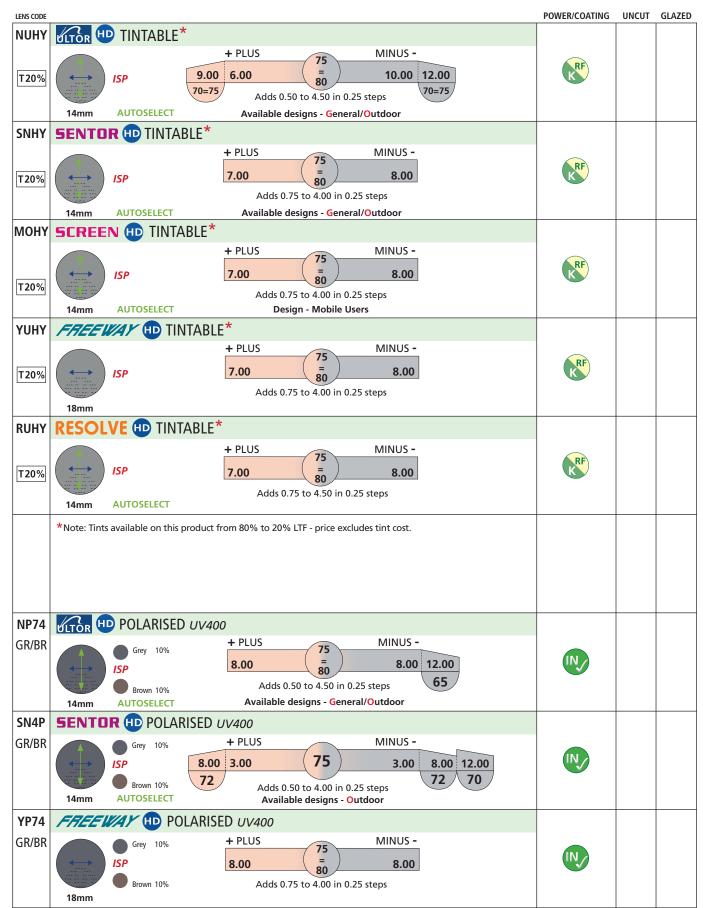


LENS CODE		POWER/COATING	UNCUT	GLAZED
NU74	VITOR HD			
T N/A	+ PLUS 70 75 8.00 12.00 15.00 Adds 0.50 to 4.50 in 0.25 steps 14mm AUTOSELECT Available designs - General/Outdoor/Desk	RF		
NU74	WITOR HD HIGH POWERS			
T N/A	+ PLUS MINUS - 15.00 10.25 65 15.25 18.00 Adds 0.50 to 4.50 in 0.25 steps Available designs - General/Outdoor/Desk	RF		
SN74	SENTOR (HD			
T N/A	+ PLUS MINUS - 8.00 80 8.00 10.00 Adds 0.75 to 4.00 in 0.25 steps Available designs - General/Outdoor	RF		
M074	SCREEN HD			
T N/A	+ PLUS MINUS - 8.00 8.00 Adds 0.75 to 4.00 in 0.25 steps Design - Mobile Users	RF		
YU74	FREEWAY (ID			
T N/A	+ PLUS MINUS - 8.00	RF		
RU74	RESOLVE HD			
T N/A	+ PLUS MINUS - SP 8.00 80 10.00 Adds 0.75 to 4.50 in 0.25 steps	RF		
CM74				
T N/A	+ PLUS MINUS - 9.00 75 14.00 Adds 0.75 to 4.50 in 0.25 steps	RF		

AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.







AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.



RESIN HD PROGRESSIVES Transitions GEN8

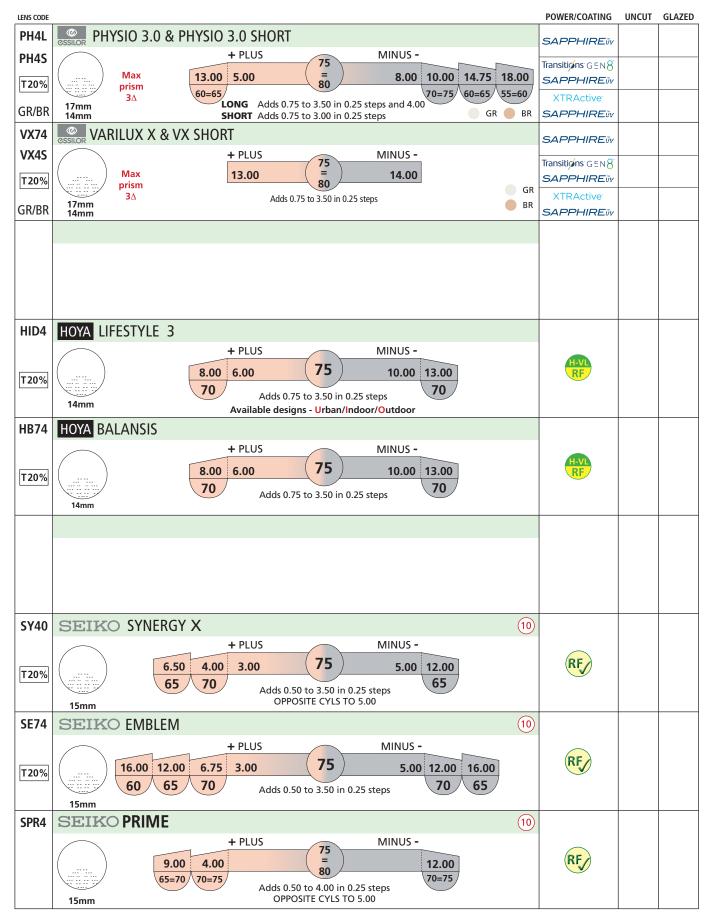


LENS CODE		POWER/COATING	UNCUT	GLAZED
NU74	Transitions GEN8			
GR/BR	Frown Grey # PLUS PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS # PLUS #	RF		
	14mm AUTOSELECT Available designs - General/Outdoor/Desk			
SN74	SENTOR (ID) Transitions G = N 8			
GR/BR	# PLUS MINUS - Second Plant	RF		
YU74	FREEWAY ID Transitions GEN8			
GR/BR	# PLUS MINUS - 78 7.00 Brown Adds 0.75 to 4.00 in 0.25 steps	RF		
RU74	RESOLVE HD Transitions GEN8			
GR/BR	# PLUS MINUS - 15P	RF		
CM74	Digitor OHD Transitions GEN8			
GR/BR	# PLUS MINUS - SP Brown Adds 0.75 to 4.50 in 0.25 steps	RF		

AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.















RESIN LENSES VERY HIGH INDEX 1.76

1.76

Index

30

Abbe

1.46g/cm³

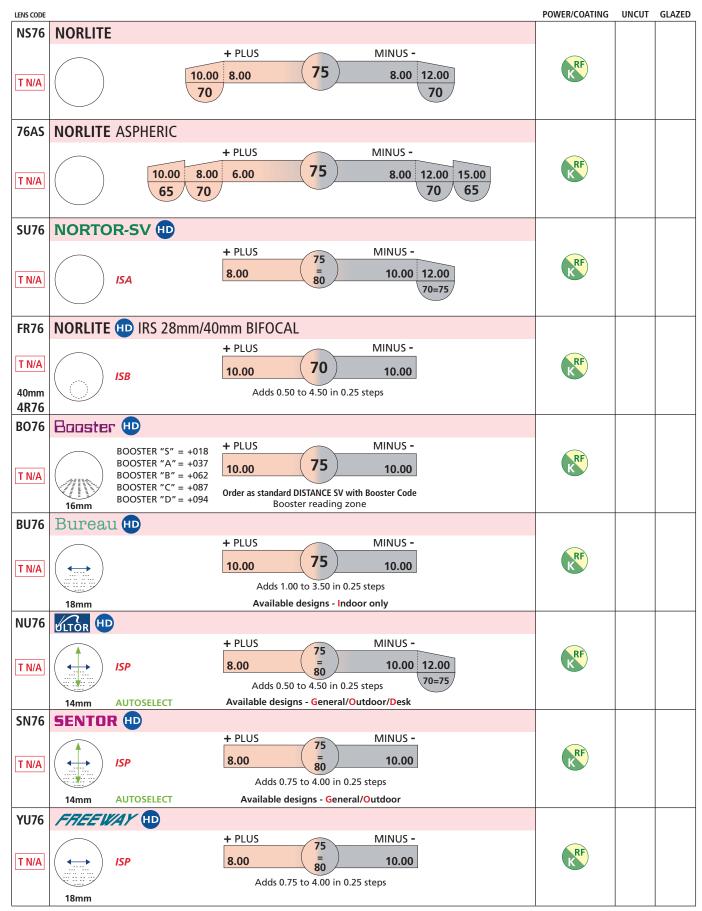
Density

400nm

UV

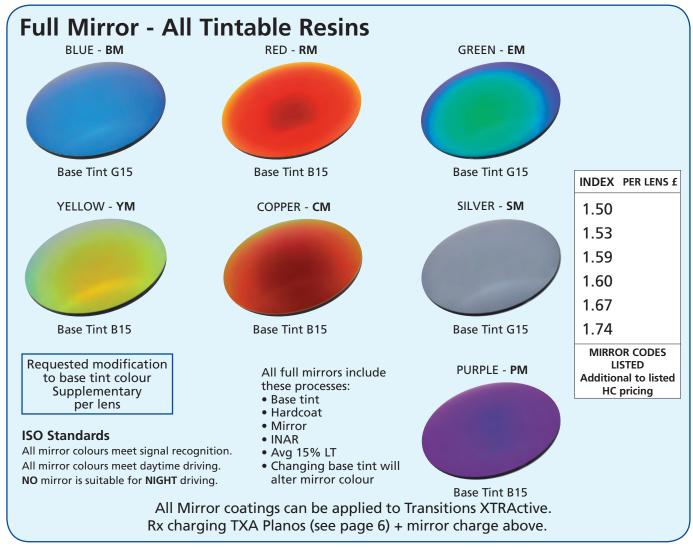


RESIN VERY HIGH INDEX

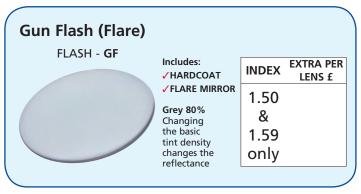


AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.



* Please Note: Older mirror colours/codes no longer available.









Hardcoated - coated both sides

Supplementary to lens price (UNC)						
Order Code	Index	Price per lens				
NP	ALL					



Anti-Fog Coated - both sides Single vision and Free-form designs Glazed Service Only

12 Months Warranty

Please Note: No 1.50 available, nor any bifocals Combined AR application not possible

Supplementary to	lens price	(UNC or	· HC)
------------------	------------	---------	-------

Order Code	Index	Price per lens
1.53		
AE	1.59	
AF	1.60	
	1.67	



HRC

Brown

Reactolite® Hardcoat Photochromic

Resin lenses only Not available 1.74 & 1.76 index

Order Code	Index	SV	PPL/IRS	Bifocal/Trifocal	Executive Bifs
Dark	1.50 1.53				PEX only
RG15 15%LT RB15 15%LT	1.56 (VM)			N/A	N/A
Medium RG40 40% LT	1.58 1.59 1.60				n=1.60
RB40 40% LT	1.67				

Supplementary to lens price (UNC or HC)

 $\textit{Please note: when Reactolite is specified with an RF coating we recommend \textit{\textbf{P} Coat} - Reactolite specific MAR coat.}$

: Unless otherwise specified all transmissions supplied will be Dark 15% rather than lighter 40% LT (dark)

Other Coatings

Crizal Coatings PREVENCIA

Order Code	Index	Price per lens
С-Р	All	As Sapphire

HOYA RF Coating HOYA LONGLIFE

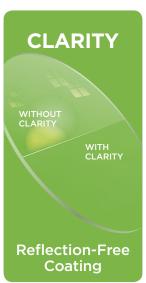
Add to Super Hi-Vision pricing



Order Code	Coating	Price per lens
LL LLB LLUV	LONGLIFE LONGLIFE + BLUE LONGLIFE +UV	
*Whe	re available	











Reflection-Free Coating

COATING	CODE	REFLEX	HARD COAT	CLEAN COAT	EASY CLEAN	SUPER EASY-CLEAN	ANTI-STATIC LAYER	BLUE LIGHT BLOCK
Clarity Super Clean	ARPM	Green	√	-	-	\checkmark	/	-
Clarity	ARBC	Green	√	√	-	-	-	-
Blue Light Filter	KBLU	Blue	1	-	1	-	1	1
Sun Lens	INAR	Green	√	-	1	-	√	-
Mineral	MARE	Green	-	-	-	-	-	-

Hard Coating

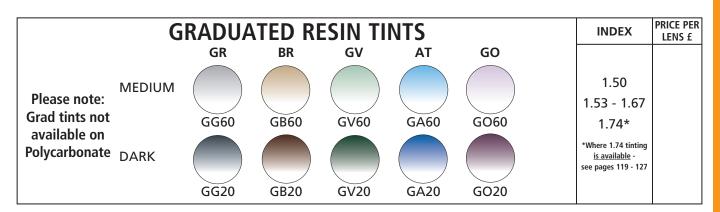
COATING	CODE	REFLEX	HARD COAT	ANTI-FOG	
Anti-Fog Premium	AF	Clear	√	√	
Norville Protect	NP	Clear	✓	-	

COATING UPGRADE

Within this price list many lenses, particularly higher indices, are listed inclusive with a hard or reflection free coating. However, it is possible for you to specify a higher coating grade at the time of ordering and you will be charged only the difference in price to your preferred specification.



	GREY	BROWN	GREEN	ATLANTIC	ORCHID	LILAC	MAGENTA	INDEX	PRICE PER LENS £
	GREY	BROWN	GREEN	ATLANTIC	ORCHID	Lilac	Purplish Red		
							Reu		
PALE	GR80	BR80	GN80	AT80	OR80	L80	M80		
								*1.50	
LIGHT	GR60	BR60	GN60	AT60	OR60	L60	M60	1.53 - 1.67 1.74*	
								*Where 1.74 tinting <u>is available</u> - see pages 119 - 127	
MEDIUM	GR40	BR40	GN40	AT40	OR40	L40	M40		
SUN	GR15	BR15	GN15	AT15	OR20				
	VER (ONA HAZ	rm G	rey Bala	ACK GR nced rey	REY BRO	OWN		
PALE	VS	BO H8	30 D	80 N	80 G8	88 B	80		
								*1.50 1.53 - 1.67	
LIGHT	Ve	50 H6	50 D	60 N	60 G	75 B	65	1.74*	
								*Where 1.74 tinting <u>is available</u> - see pages 119 - 127	
MEDIUM	V	10 H ²	10 D	40 N	40 G	40 B	35		
DARK		H2	.0 D	20 N	20 G:	33 B	25		
All meet 201	5 traffic signal	recognition requ	uirements		Numbers quot	ed = Lens tran	smission (LT) %		



Specialist Resin Tints



NORLITE 'DOT COM' OFFICE TINT & RF M Can reduce eye strain caused by computer	INDEX	PRICE PER LENS £	
DTA - ALPHA Blue/grey tint 96% L.T	DTE - EVA Pale hazel tint 85% L.T		
DTB - BETA Pale gold tint 90% L.T	DTF Rose tint 94% L.T.	1.50	
DTG - GAMMA Pale mint tint 96% L.T			

ReadE	Z PRECISE	SPECTRUM	CALIBRATE	D LENSES			INDEX	PRICE PER LENS £
A to M COLO	OURS (Only av	ailable on 1.5	0 index uncoa	ited)				
Α	В	C	D	E	F		1.50	
G	Н	1	J	K	L	M		
MA to ML CO	OLOURS (Only	y available on	1.50 index un	coated)				
MA	MB	MC	MD	ME	MF		1.50	
MG	MH	MI	MJ	MK	ML			

1.50 RESIN UV400 1.50 resin has the lowest UV absorption of all resin lenses <360nm	1.50		
--------------------------------------------------------------------------------------	------	--	--

		INDEX	PRICE PER LENS £
DOUBLE GRADUATED (TOP & BOTTOM)	D-GRAD	1.50 - 1.67	
NON STANDARD TINT OR MATCHING NON STANDARD HALF PAIR	MONO	1.50 - 1.67	
	GRAD	1.50 - 1.67	

Specialist Resin Tints

	SKY - 28% A reddish-orange colour with a tan flare.		WOODS - 42% A forest green colour.	INDEX	PRICE PER LENS £
SKY*	Developed for the expert who wants to increase his or her skill when shooting at a clay pigeon or tracking a target. Increased background lighting brings the target visually closer for sharper distance estimations.	WOODS	It enhances critical outdoor shades, particularly benefiting golfers, making it easier for them to see the fairway contours and read the slopes and curves of the greens.		
% C	TRAIL - 96% A yellow colour. Yellow assists in enhancing definition and this tint is therefore of use to those who participate in shooting sports and tracking golf balls.	79% \$\frac{1}{5}	FIELD - 19% A brown colour with a tan flare. It is designed for heightened contrast ability and is highly recommended for restful glasses. Particularly useful for general spectator activities.		
22. 40 % SERE*	SERENGETI COLOUR EQUIVALENT A colour tint equivalent to the fully exposed colour of the Serengeti Drivers.	₹8% € RA15*	RA 15 - 18% A dark greenish grey colour. The Norlite colour equivalent to the Ray-ban G15 lens.	1.50 1.53 - 1.67 1.74	
₽ 0% √	S40 - 40%. A yellow blue blocker.				

PLS 410 - Rose 50% Select for: PLS 500 - Orange 50% Orange lens absorbing up to 500nm.		
* fluorescent lighting * fluorescent lighting * light flicker * eye strain * tension headache * photophobia - blepharospasm * select for patients with: * developing cataracts and post operative * diabetic retinopathy * corneal dystrophy * optic atrophy * albinism * aphakia & pseudophakia * photophobia * also for dentists		
PLS FL41 - Rose 30% Original Cambridge FL41 mix. Select for: * fluorescent lighting * light flicker * eye strain PLS 540 - Brown 10% Dark amber brown lens absorbing up to 540nm sunglass blocking violet & blue. Primarily for outdoor use. * macular degeneration * pre-operative cataract * RK-PRK		
PLS G410 - Grey 30% Similar transmittance as PLS 410 but overtinted light grey to subdue lens colour. Select for: As PLS 410 PLS 550 - Red 20% Intense orange red lens absorbing up to 550nm Select for patients who have: * macular degeneration * colour blindness * retinitis pigmentosa	4.50, 4.67	
PLS 440 - Amber 50% Provides blue/violet attenuation with minimal colour distortion. Select for: * macular degeneration PLS 600 - Red 8% Red lens absorbing up to 600nm Select for patients with: * macular degeneration	1.50 - 1.67	
PLS 450 - Yellow 86% Winter Sun Yellow lens absorbing up to 450nm. Select for: * night blindness * macular degeneration * retinitis pigmentosa * SAD (Seasonal Affective Disorder) * AMD protection PLS Melanin - Brown 30% Yellow brown lens * natural body pigment protects against sunlight damage * maintains natural colours Uses: PLS MEL * post cataract * AMD protection		
PLS 480 - Brown 15% Brown lens absorbing up to 480nm. Select for patients with: * macular issues * retinitis pigmentosa * post operative cataract * post operative cataract * pls BRISTOL BLUE - 14% Recent studies have shown that certain blue tints can be helpful for people with light sensitive epilepsy. PLS BB		

For further details please visit Norville Companion www.norville.co.uk Plus all transmission data.

Resin Free-Form Surfaced Lenses



Cumplementerale	ens Chargos		Suppler Price no	mentary er lens £	Comp
Supplementary Le	ns Charges		SV	Multi	Code
WW. LARGE DIAMETER			3,	Water	
XXL LARGE DIAMETER Nortor or Sportor-SV	Increase the effective diameter	huun to 10mm			 HD26
'					HD02
Ultor or Sportpal Progressive	increase the ellective diameter	by up to 10mm or max achievable			ПОО2
XSS SUPER SMALL DIAMETI	-R				
	<u> </u>	ribbed (Resin Norville surfaced lens types only)			HD24
SLAB OFF/ON BI-PRISM					
SV ISA	Combined slab prism from 0.5	0^{Δ} to 6.00^{Δ} Per lens or per pair Add to NORTOR			HD03
Bifocal FT or IRS IRS	Combined slab prism from 0.5				HD04
PPL ISP	Combined slab prism from 0.5	• •			HD05
(Prism split over both lenses to	· ·				
(LENS FORM	on tall of the annual opening				
Supplied to a specific base curv	e from core stock range i.e. 1.2.	4.6.8 bases when available			
''	_	lens surface working i.e. FLATS -bonding curves			LF12
HIGHER POWERS - SPHERICA		CYLINDRICAL - See Page 137			
All HD lens types	Up to 4.00 DS over stated pov				HD09
, ,	4.25 to 6.00 DS over stated po	-			HD25
	6.25 to 10.00 DS over stated p	3			
	10.25 DS and over stated pov				HD40
PRISM & HIGH PRISM	,	3 1			
All HD lens types	Max prisms 12 [∆] charged as co	nventional surfaced prism pricing See page 137.			HD10
SLIM EDGE PRODUCTION S.I		1 1 3 1 3			
Available on all HD lens types					HD11
Blend edge reduced visual aper	ture to reduce edge substance, a	available plus or minus powers			
HD CUSTOM DESIGNED LEN	SES	·			
(Where lens material/type not o	therwise listed in the lens form	desired - where technically possible)			
	Any HD SV (Single focus)				HD29
	Any HD Multifocal (Twin foo	cus)			HD12
	Any HD Bifocals (IRS - HSA)				HD19
	Any HD Progressives	All - add to surfaced SV base lens			HD14
		in appropriate index			
OCCUPATIONAL TRIFOCALS	Single IRS - HSA add to base	lens			HD33
	Single Ultor add to base lens				HD34
	Double IRS add to surfaced S	V base lens			HD35
	Double Ultor add to surfaced	SV base lens			HD36
	CombiPal Ultor add to bifocal	base lens			HD39
IRS BLENDED RD - NON LIST	ED SEG SIZES				
Vary the bifocal size on IRS Bifo	cal 15mm - 60mm (in addition t	to IRS 28/40 lens cost)			HD30
ATORIC DIGITAL INNER SURF					
Add Digital HD atoric inner surf	ace to any conventional SV, Bifo	cal or Varifocal			HD21
(HIGH ADD BOOST)					
· · · · · · · · · · · · · · · · · · ·	n conventional bifocal or varifoc	al by +0.50 to +8.00 in 0.25 steps			HD20
ODD CORRIDOR LENGTHS					
l	s, right and left. Available on Ul	tor HD & Vector progressives only.			HD22
VARIABLE READING INSETS					
Available on free-form progress	• •	mm steps			HD23
Variable cylinder / axis orientati	on reading portions				
	$\overline{}$				



Supplementary Lens Charges		Price pe	7 COP	
	 	SV	Multi	Code
WORKED PRISMS	Up to 4.00^{Δ}			PR01
	4.25^{Δ} to 6.00^{Δ}			PR02
10	6.25 ^Δ to 9.00 ^Δ			PR03
	9.25 ^Δ to 12.00 ^Δ (Max Free-form)			PR04
	12.25^{Δ} to 15.00^{Δ}			PR05
	15.25 ^Δ to 18.00 ^Δ			PR06
	18.25^{Δ} to 21.00^{Δ} and over - where possible			PR07
(CYLINDERS)	Up to 6.00DC			
	6.25DC to 8.00DC (Max Free-form)			CY06
(10)	8.25DC to 10.00DC			CY07
	10.25DC to 12.00DC			CY09
	12.25DC to 15.00DC			CY10
	15.25DC and over - where possible			CY11
(POWERS)	Extending sphere power beyond quoted range			
(**************************************	where available from a standard blank Over published range: 0.25 - 4.00DS steps			PW09
	4.25 - 6.00DS steps			PW10
	6.25 - 10.00DS steps			PW12
	10.25DS and over			PW13
	10.2363 dilu over			I WIS
	Extended sphere power when an extra thick special			
(10)	(over 6.00D) order lens blank is required (where possible)			PW11
LENS FORM	Surfaced to a specific request for Stock Base alteration (surfaced Rxs)			
	Surfaced to a specific request for flat base where stock availability			LF12
	Surfaced to a specified base curve (non stock) requiring			
(10)	double sided working i.e. plus or minus cyls on front lens surface			LF13
	or matching curves for lens bonding			
FROSTING	Frosting surfaced resin lens type			LF15
	(Plano frosted & black occluder lenses available - see page 7)			
(INDUCED PRISM AT NEAR)	Available on FT35, FT45, prism by decentration (where possible)			FTP3
	See page 105 Companion.			
LENS STANDARDS	Working to higher tolerances than BSI/ISO (Not applicable to HD production)			LS18

Specialist Glazing/Fitting Resin Lenses



Supplementary Lens	& Fitting Charges		Charge £ Per Lens	Comp Code
HALF PAIR MATCHING	Matching fitting parameters (heights etc.) on any ½ pair mul	tifocal lens		HP43
XXS CAMERA/SHOOTING SIGHT	requiring hand finishing	Resin		CM52
UNIQUE FRAME DESIGN/LENS SHAF	PE Non regular lens radius requiring hand finishing	Resin		UF51
	Non regular lens radius achievable by machine finishing	Resin		UF53
PROFILE LENTIC EDGING/POLISHING	g requiring hand finishing	Resin		PP59
TAPER MACHINE PROFILE/EDGE PO	LISH	Resin		TM58
(HIGH GLOSS HAND POLISH)		Resin		HP58
PRESTO 10	Specialist cut out carrier and powered lens combination	SV / Bifocal		TO21
FRANKLIN SPLIT BIFOCAL 10)	Charged in addition to component lens prices	Resin		FS60
FRANKLIN SPLIT TRIFOCAL 15	Charged in addition to component lens prices	Resin		FS62
CUT EDGE AND FIT CUSTOMER'S O	WN LENSES			
	F should be supplied at time of ordering.			
All work is undertaken at customer's o	-			
	undertake any order it deems unsuitable.			
Therefore Group retains the right hot to	Plastic / Metal Frame	Resin		CE65
	Supra Frame	Resin		CE66
	Rimless / Polymil / Wrap or unusual design	Resin		CE67
CUSTOMER'S OWN LENSES - REMO				
	ses are removed and refitted into frame for tinting			
or coating process. This price is in addi	tion to the process price. All orders accepted at customer's own i			
	Plastic / Metal Frame	Resin		RTRM
	Supra Frame	Resin		RTRS
	Rimless or any other frame type	Resin		RTRR
REMOTE EDGING (Resin Only)	Uncut lenses supplied edged & prepared ready for fitting into	o frame		
(In addition to Uncut price)	Plastic / Metal			RE42
(a.a)	Supra			RE44
	Rimless			RE43



Specialist Glazing/Fitting Resin Lenses

Supplementary Lens	& Fitting Charges		Charge £ Per Lens	Comp Code
PLASTIC / METAL	Full rim ³ ⁄ ₄ rim open at temporal	Resin Resin Only		 MO22
HALF EYE / SHALLOW FRAME	Depth of 20 mm or less requiring hand edging	Resin		HE49
POLYMIL	Reglaze	Resin		PL48
SUPRA	Nylon Cord (S) In-Line Wire / Inverted Supra or special combination (B)	Resin Resin		SU24 SU26
(add to standard price)	Replacing Old Nylon Replacing Full Gallery Nylon Modifying Depth of Lens Only Making a new former shape where dummy lens not supplied			SU28 SU29 FM62 FM63
RIMLESS	New Rimless (R) Reglaze Glued Rimless (D) Specialist Rimless requiring milling, MEI (L)	Resin Resin Resin		RM31 RG31 RS32 ME50
(add to standard price)	Standard machine edge polish High gloss hand polish Modifying size all round Hand Made Former/Modifying shape in only one direction Grooving Colouring Hand Facetting			RM33 FM64 FM65 RM36 RM37 RM38
(add to standard price)	Soldering extra long fittings - per fitting Replace/fit screws, washers and locknuts - (per set) Replacement Rimless Plugs - (per set) Special Order Components	Quote Req'd		RM34 RM39 RM40
WRAP SPORTS/SUN FRAMES	Full Rim (O) Full Rim with Vented Lens cut outs Half Rim top fitting only (J) Sports Wrap insert Full Rim Sports Wrap insert Supra/Inverted Any Norville Sports Frame Insert (outside Rx range in Sports Cata	logue)		WR56 WR58 WR57 WR60 WR61 WR59
SWIMMING GOGGLES	Any Norville Swimming goggle (outside Rx range in Sports Catalo Non-Norville Swimming Goggle requiring proform edge profiling	_		SW56 SW57
NATURAL FRAME MATERIAL/REAL (GOLD	Resin		NF51
MONOCLE	Drill and chamfer Milled Edge	Resin Resin		MO53 MO54
(ANTIQUE SPECTACLE FRAMES)	At customers own risk	Resin		
LORGNETTE	Antique folding type	Resin		L022
SPX REGLAZE	Reglaze any SPX material frame	Resin		RG20
(DIAMANTE)	Crystal clear or coloured	Single Stone Multi Stones over 5 over 10		DI45 DI46 DI47

MINERAL LENS SECTION



CROWN GLASS LENSES 1.500 & 1.523 INDEX

WHITE

PHOTOGREY / PHOTOBROWN

SOLID TINTS

GG15

B15

DIDYMIUM

POLARISED

BOOSTER

VERSATILE IRS BIFOCALS

TRIFOCALS

MULTIFOCALS

ESOCOOL

WHITE

PGX

PBX

1.500

Index

1.523

Index

1.523

Index

1.523

Index

GG15 B15

61.7

Abbe

58.8

Abbe

56.4

Abbe

49.7

Abbe

2.61g/cm³

Density

2.61g/cm³

Density

2.43g/cm³

Density

2.56g/cm³

Density

420nm

UV

328nm

UV

338nm GR 345nm BR UV



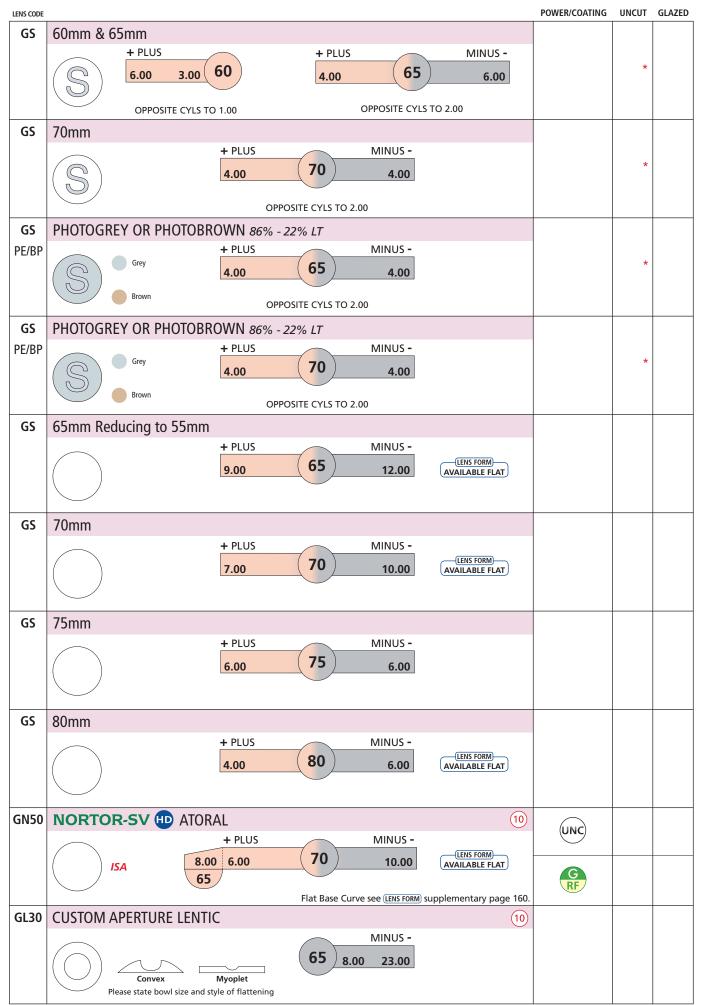
GLASS UV420 SV/BIFOCAL/PROGRESSIVE

1.50

ESOCOOL Aquamarine Hue 86% LTF @ 2mm CT. POWER/COATING UNCUT LENS CODE **GSUV** 65mm UV420 + PLUS MINUS -65 4.00 4.00 65mm UV420 NORTOR-SV HD **GNUV** (UNC) + PLUS MINUS -65 4.00 4.00 G RF Booster HD UV420 BG5U (UNC) + PLUS MINUS -Order as standard T N/A DISTANCE SV with 65 Booster Code 4.00 4.00 BOOSTER "A" = +037BOOSTER "B" = +062 16mm BOOSTER "C" = +087 Booster reading zone VERSATILE OFFICE HD UV420 OG5U (UNC) + PLUS MINUS -T N/A Order by 65 4.00 4.00 reading Rx G RF Distance PDs DEGRESSIONS -0.50, -0.75, -1.00, -1.25, -1.50, -1.75, -2.00, -2.25, -2.50 DS FG5U HD IRS 28mm/40mm BIFOCAL UV420 (UNC MINUS -+ PLUS T N/A 65 4.00 4.00 new ISB G RF Adds 0.75 to 3.00 in 0.25 steps 40mm 4G5U VECTOR & VECTOR EXTRA SHORT ⊕ UV420 VG5U (UNC) + PLUS MINUS -65 3.00 4.00 70 G RF **AUTOSELECT** Adds 0.75 to 4.50 in 0.25 steps 15mm SG5U HAWK HD UV420 (UNC + PLUS MINUS -65 ISP 3.00 4.00 70 Adds 0.75 to 4.50 in 0.25 steps **AUTOSELECT** 15mm NG5U **HD** UV420 (UNC) + PLUS MINUS -65 3.00 4.00 70 Adds 0.50 to 4.50 in 0.25 steps **AUTOSELECT** Available designs - General/Outdoor/Desk 15mm **PRODRIVE HD UV420** YG5U (UNC) + PLUS MINUS -65 3.00 4.00 70 G Adds 0.50 to 4.50 in 0.25 steps **AUTOSELECT** 15mm Special Note: Glass UV 420 is a mineral product suitable for chemical strengthening. A minimum centre substance of 1.5mm meets BS EN ISO 12311 Level 1(E) Strengthening A minimum centre substance of 3.3mm meets BS EN ISO 12311 Level 2(E) Strengthening

GLASS SINGLE VISION

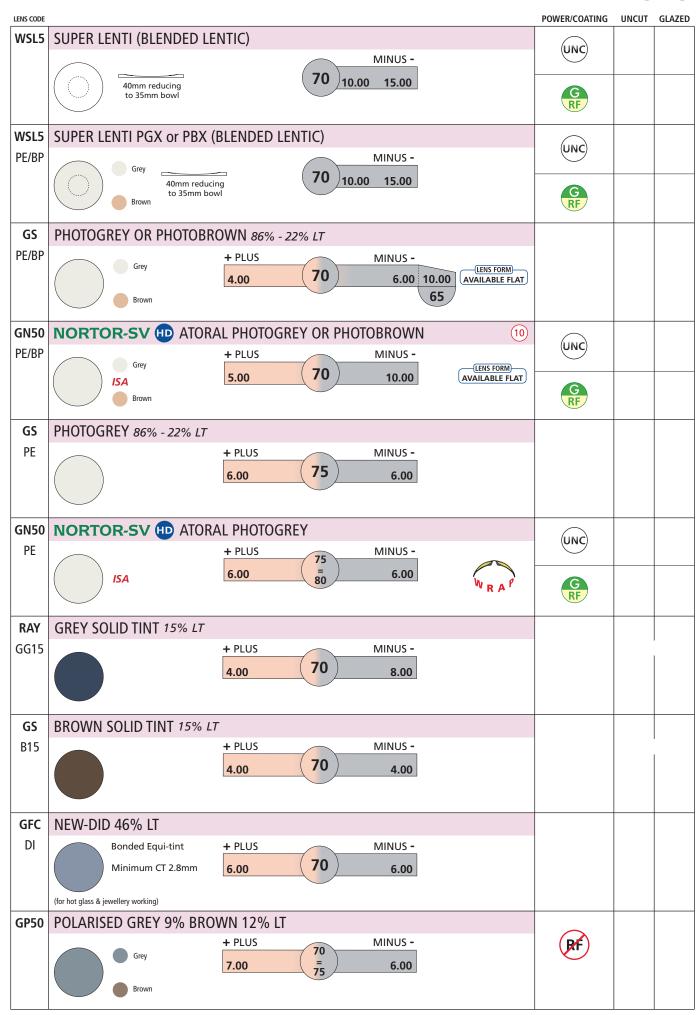






GLASS SINGLE VISION

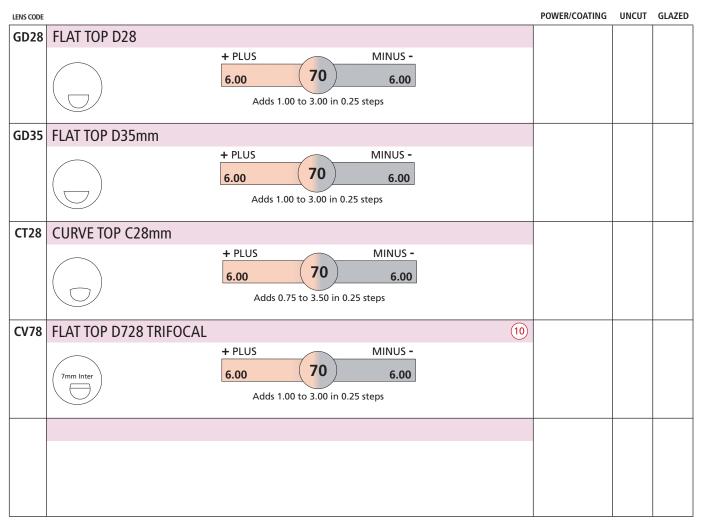
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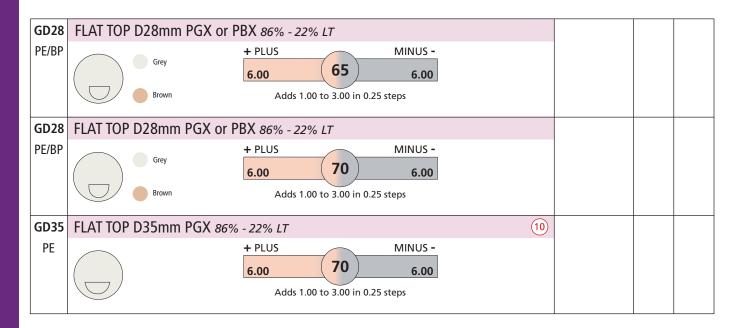
1.523

GLASS BIFOCALS & TRIFOCALS WHITE





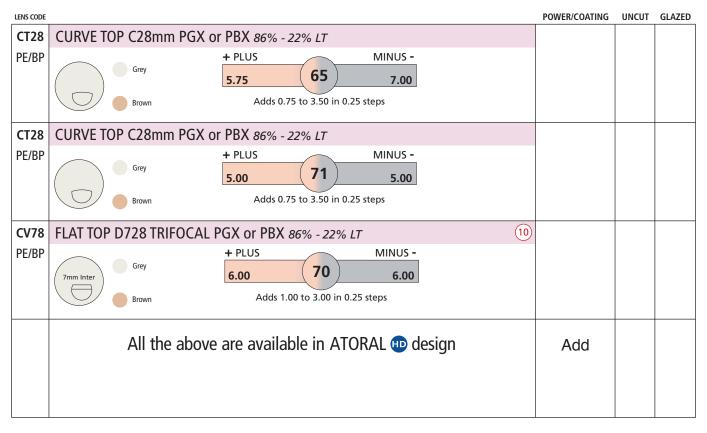
GLASS BIFOCAL PHOTOCHROMICS



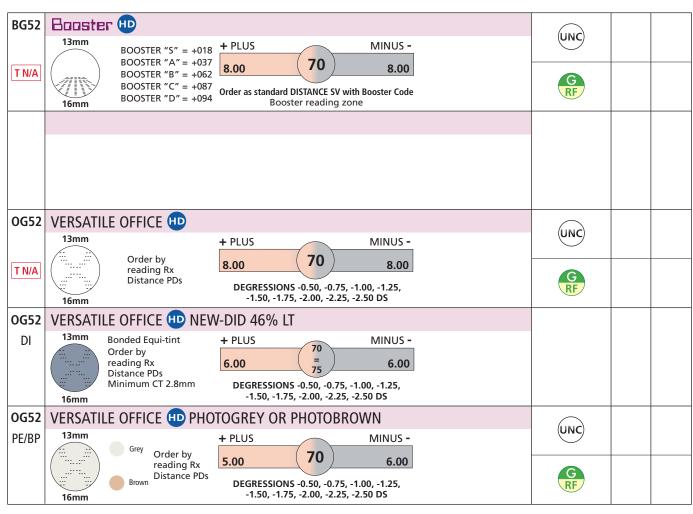


GLASS BIFOCAL & TRIFOCAL PHOTOCHROMICS

1.523



GLASS WHITE & PHOTOCHROMIC FREE-FORM HD DESIGNS

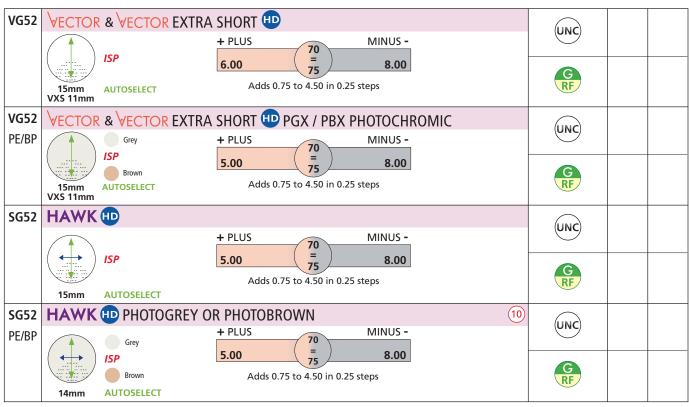






LENS CODE		POWER/COATING	UNCUT	GLAZED
FG52	HD IRS 28mm/40mm BIFOCAL			
T N/A 40mm	+ PLUS MINUS - 8.00 70 10.00 Adds 0.75 to 3.00 in 0.25 steps	G		
4G52				
GR28	IRS 28mm/40mm BIFOCAL NEW-DID 46% LT			
DI	Bonded Equi-tint + PLUS MINUS - 1SB Minimum CT 2.8mm 6.00 = 6.00			
40mm 4R28	Adds 0.75 to 3.00 in 0.25 steps (for hot glass & jewellery working)			
FG52	IRS 28mm/40mm BIFOCAL PHOTOGREY OR PHOTOBROWN			
PE/BP	+ PLUS MINUS -	UNC		
	5.00 (70) 6.00			
40mm 4G52	Adds 0.75 to 3.00 in 0.25 steps	G		
1032				

GLASS HD PROGRESSIVES



AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.







AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.



MINERAL LENSES 1.60 INDEX

WHITE
PHOTOGREY / PHOTOBROWN
SOLID TINTS
GG15
POLARISED

BOOSTER

VERSATILE

IRS BIFOCALS

MULTIFOCALS

WHITE

PBX

PGX

1.60

Index

41

Abbe

2.63g/cm³

325nm

Density

UV

1.60 1.60

Index

42 42

Abbe

2.70g/cm³ 2.80g/cm³

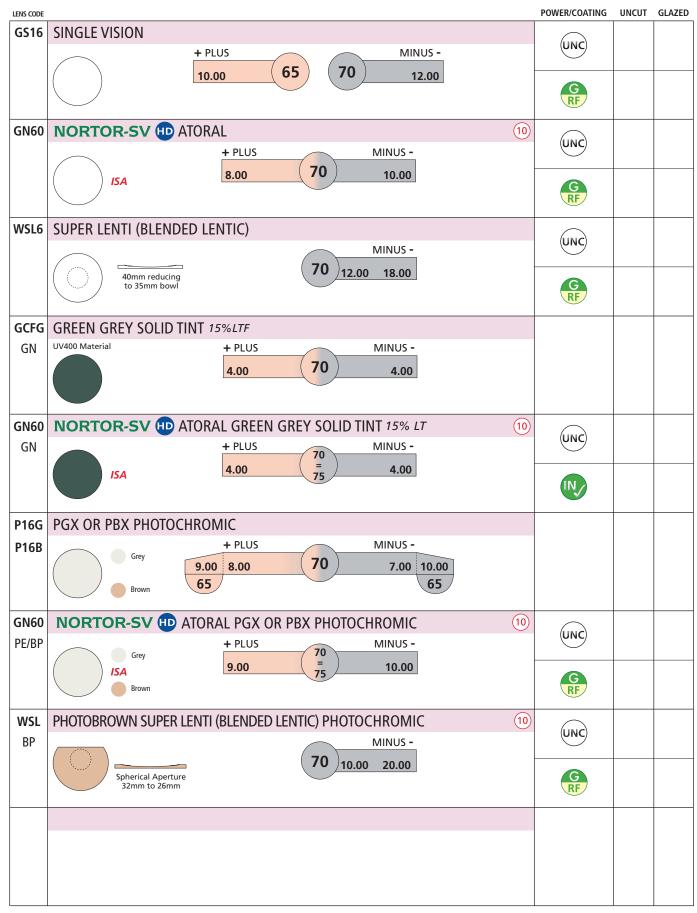
Density

342nm

UV



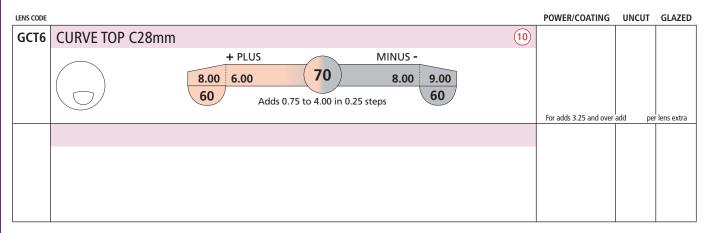
GLASS SINGLE VISION



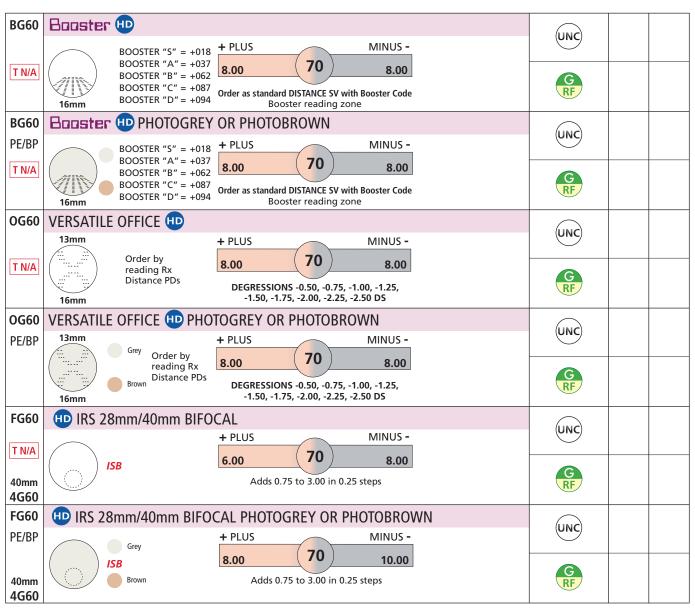
PGX 88% - 32% LT PBX 84% - 27% LT

GLASS BIFOCALS



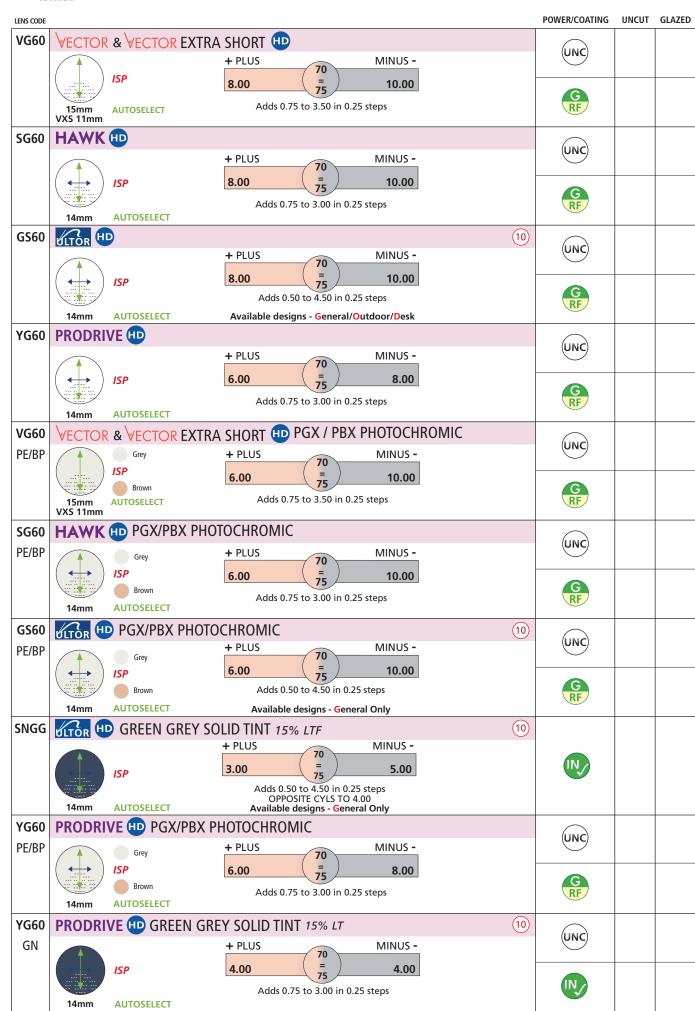


GLASS WHITE & PHOTOCHROMIC FREE-FORM BIFOCAL & DEGRESSIVES



PGX 88% - 32% LT PBX 84% - 27% LT

GLASS PROGRESSIVES





MINERAL LENSES 1.70 INDEX 1.76 INDEX

WHITE
PHOTOGREY - BONDED EQUITINT
PHOTOBROWN - BONDED EQUITINT
X RAY GLASS (n=1.76)

BOOSTER

VERSATILE

IRS BIFOCALS

MULTIFOCALS

1.76

Index

30

Abbe

4.80g/cm³

Density

1.70

Index

35.8

Abbe

3.15g/cm³

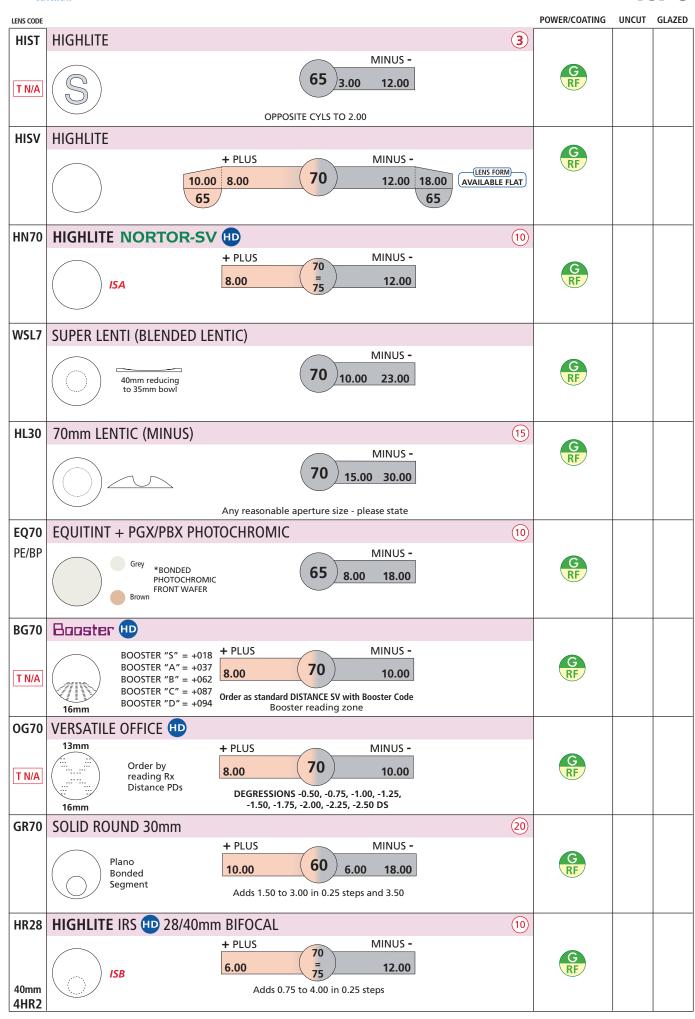
Density

330nm

UV

GLASS SINGLE VISION & BIFOCALS

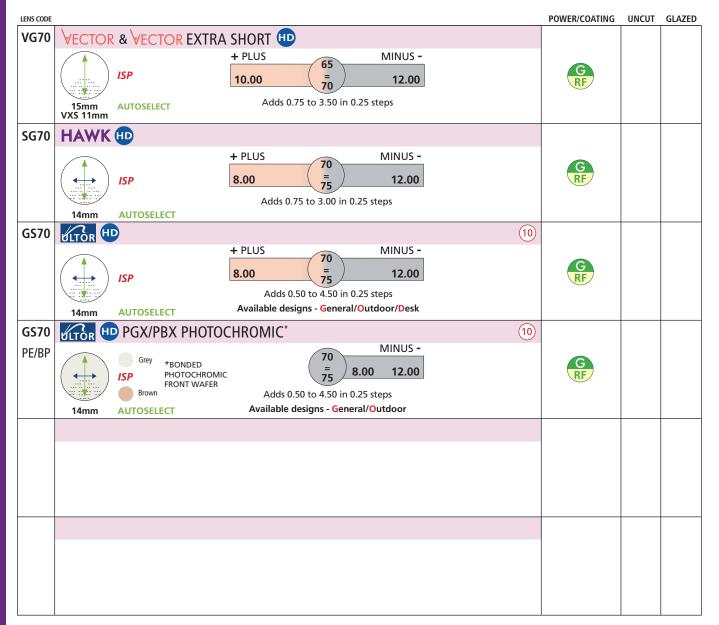
1.70



1.70

GLASS PROGRESSIVES





1.76

GLASS X RAY FILTER



AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.



MINERAL LENSES 1.80 & 1.90 INDEX

WHITE PHOTOGREY - BONDED EQUITINT PHOTOBROWN - BONDED EQUITINT

BOOSTER MULTIFOCALS

1.80

Index

1.89

Index

34.4

Abbe

30.4

Abbe

3.65g/cm³

Density

3.99g/cm³

Density

327nm

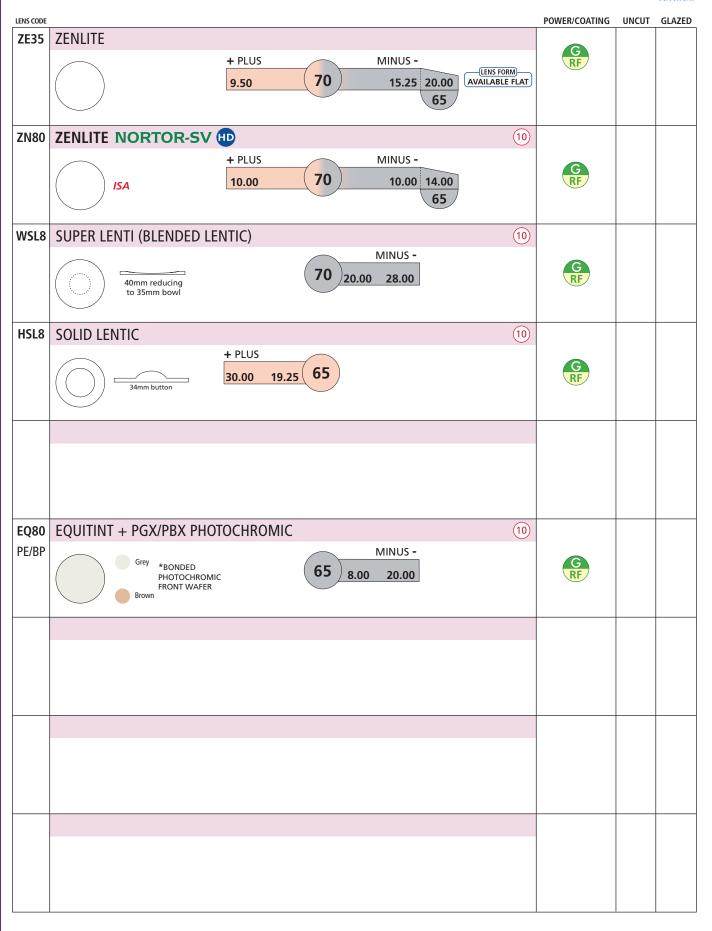
UV

335nm

UV

GLASS SINGLE VISION







GLASS BIFOCALS & PROGRESSIVES

1.80

LENS CODE				POWER/COATING	UNCUT	GLAZED
ZR28	ZENLITE IRS IID 28/40mm	n BIFOCAL				
40mm 4ZR2	ISB	+ PLUS MINUS - 8.00		G		
GR80	SOLID ROUND 30mm Plano Bonded Segment	MINUS - 60 8.00 20.00 Adds 1.50 to 3.00 in 0.25 steps and 3.50	20	G		
VG80	VECTOR & VECTOR EXTR ISP 15mm AUTOSELECT VXS 11mm	A SHORT (HD) MINUS - = 75 6.00 20.00 Adds 0.70 to 3.50 in 0.25 steps	Max prism 3∆	G		
SG80	ISP 14mm AUTOSELECT	MINUS - = 75 6.00 16.00 Adds 1.00 to 3.00 in 0.25 steps		G		
GS80	ISP 14mm AUTOSELECT	+ PLUS MINUS - 6.00		G		

AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

GLASS SINGLE VISION & BIFOCAL



LENS CODE		POWER/COATING	UNCUT	GLAZED
HS19	MINLITE			
T N/A	MINUS - 65 6.00 12.00 OPPOSITE CYLS TO 2.00	G		
HI19	MINLITE Reducing to 55mm			
	MINUS - 60 12.25 20.00 LENS FORM AVAILABLE FLAT	GRF		
GN90	MINLITE NORTOR-SV (11) ATORAL			
	MINUS - 70 6.00 10.00 15.00 65	G RF		
WSL9	SUPER LENTI (BLENDED LENTIC)			
	40mm reducing to 35mm bowl MINUS - 70 20.00 25.00	G RF		
EQ90	EQUITINT + PGX/PBX PHOTOCHROMIC 10			
PE/BP	Grey *BONDED PHOTOCHROMIC FRONT WAFER Brown MINUS - 65 10.00 20.00	GRF		
GR90	SOLID ROUND 30mm Plano Bonded Segment Adds 1.50 to 3.00 in 0.25 steps and 3.50	G		
FG90	IRS HD 28/40mm BIFOCAL 10			
40mm 4 G 90	MINUS - 70 10.00 15.00 Adds 0.75 to 3.50 in 0.25 steps	G		
VG90	VECTOR & VECTOR EXTRA SHORT ₩			
	MINUS - 70 10.00 15.00 Adds 0.75 to 3.50 in 0.25 steps Adds 0.75 to 3.50 in 0.25 steps	G		
GS90	WITOR HD			
	Adds 0.50 to 4.50 in 0.25 steps Available designs - General/Outdoor/Desk	G		







MARE

✓ Cleancoat*

Supplementary to lens price

Order Code	Index	Price per lens
MARE	ALL	

Emerald Reflex Colour



Sun Lenses Inside Surface UV Block

✓ MARE coat (inside surface RF only)

* glazed orders only

Cleancoat

	supplementary to lens price			
Order Code	Index	Price per lens		
INAR	1.523			
	1.60			

Emerald Reflex Colour



BROWN (LT)

- ✓ Glass tints vacuum deposition
- ✓ Mono colours only

Supplementary to lens price

	Index	Price per lens
Brown Tint	1.523 to 1.9	

	Index	Price per lens
Grey Tint	1.523 to 1.9	

GREY (LT)	G80	G50	G20

GLASS VACUUM COATING OPTIONS CHART

n = Material	MAR Green	B80	B50	B20	G80	G50	G20
1.523	✓	✓	✓	✓	✓	✓	✓
1.600	✓	✓	1	✓	1	✓	✓
1.700	✓	✓	✓	✓	✓	✓	✓
1.800	✓	✓	1	✓	1	✓	✓
1.900	✓	✓	✓	✓	✓	✓	✓

We regret no other tint colours, graduated tints or combinations available

*Note: Glass solid tinted lenses also available see pages 143, 147, 149 and 151

MARE coat can be added to brown or grey glass vac tints but this is a separate charge i.e. - add MARE to your glass code (e.g. B80 + MARE or B80 + INAR)



MIRROR COATS can be applied to glass lenses but remember the Mirror Golden Rule: The substrate needs to be **TINTED** in the recommended base colour and density (changing it will alter the mirror colour). MIRROR COLOURS can be applied to any mineral tinted base lens, solid or vac tint 20% LT tinted.

Supplementary to lens price

Mirror Colour Index Price per lens Application to Solid Tint GREY 1.523 15% LT Blue - BM 1.523 & 1.60 Grey Green - EM Any White Base Application to White Lens + GT Grey colour coat + Mirror + (N) Silver - SM **GF Mirror Colour** Index Price per lens Red - RM Application to Solid Tint BROWN 1.523 15% LT 1.523 Only **Brown** Yellow - YM Purple - PM Base Any White Application to White Lens + GT Brown colour coat + Mirror + (N) Copper - CM **GF** Additional to base lens

Glass Conventional Surfaced Lenses



Supplementary L	Lens Charges additional to le	ns charge	SV Price p	er lens £ Multi	Comp Code
(WORKED PRISMS)	Up to 4.00^{Δ}				PR01
(10)	4.25 ^Δ to 6.00 ^Δ				PR02
(Where possible from	6.25 ^Δ to 9.00 ^Δ				PR03
standard lens blanks)	9.25 ^Δ to 12.00 ^Δ				PR04
	12.25 ^Δ to 15.00 ^Δ				PR05
	15.25 ^Δ to 18.00 ^Δ				PR06
	18.25 ^Δ to 21.00 ^Δ				PR07
	21.25 ^a and over - where possible				PRS1
(CYLINDERS)	Up to 6.00DC				
(10)	6.25DC to 9.00DC				CY06
(Where possible from	9.25DC to 12.00DC				CY07
standard lens blanks)	12.25DC to 15.00DC				CY09
	15.25DC to 18.00DC				CY10
	18.25DC to 21.00DC				CY11
	21.25DC and over - where possible				CYS1
	21.23DC and over - where possible				CISI
POWERS	Extending sphere power beyond stated catalogue range				
	where available from a standard blank Outside range: 0.25	- 4.00D			PW09
	4.25	- 6.00D			PW10
	6.25 -	10.00D			PW12
	10.25D a	nd over			PW13
(10)	Extended sphere power when an extra thick special				
	order lens blank is required (where possible)				PW11
LENS FORM	Surfaced to a specific request for flat base where available				LF12
	Full diameter wafers (for bonding) surfaced to specific curves				
10	Surfaced to a specified base curve (non stock) requiring				LF13
	double sided working i.e. plus or minus cyls on front surface				
	including flat or curved bonding wafers - additional to material charge				
FROSTING	Frosting				LF15
VERY REDUCED	Surfaced GLASS wafer where diameter is				
DIAMETER LENSES	45mm or smaller (e.g. camera sight - positive Rx only)				WAF15
5					



Glass Surfaced Lenses

Supplementary L	upplementary Lens Charges		mentary er lens £	Comp
Supplementary L	ens charges	SV	Multi	Code
XXL INCREASED EFFECTIVE	DIAMETER			
	Increase the effective blank diameter up to 10mm			HD26
•	Increase the effective blank diameter over 10mm where possible			HD27
Ultor or Sportpal Progressive	Increase the effective diameter to max achievable			HD02
BESPOKE LENS DESIGN				
ATORIC DIGITAL INNER SUR	FACE			
	face to any conventional SV or Bifocal			HD2
HIGH ADD BOOST	,			
	ailable on conventional bifocals or varifocals			HD2
ODD CORRIDOR LENGTHS				
	hs, right and left. Available on Ultor & Vector progressives only.			HD2
VARIABLE READING INSETS				
Available on Ultor and Vector	progressive lens types. 0 to 5mm			HD2
EXTREME INSET PLACEMEN				
Grossly decentered ±20mm				
IRS BLENDED 28/40mm RO	UND BIFOCALS			
	ocal 15mm - 45mm (in addition to IRS lens cost)			HD3
HIGH CYLINDERS				
All HD lens types	Up to 2.00DC over stated range			HD0
• •	2.25 to 4.00DC over stated range			HD2
•	4.00DC and over where achievable			
PRISM				
	Glass max prisms 5 [△] charged as conventional surfaced pricing See page 160.			HD1
HD CUSTOM DESIGNED LEN	NSES)			
(Where lens material/type not	otherwise listed in the lens form desired - where technically possible)			
	Any HD SV (Single focus)			HD29
	Any HD Multifocal (Twin focus)			HD12
	Any HD Bifocals (IRS - HSA)			HD19
	Any HD Progressives All - add to surfaced SV base lens			HD14
OCCUPATIONAL TRIFOCALS	Trifocals: Single IRS add to base lens			HD3:
	Single Ultor add to base lens			HD3
	Double IRS add to surfaced SV base lens			HD3
	Double Ultor add to surfaced SV base lens			HD3
	CombiPal Ultor add to bifocal base lens			HD3

Specialist Glazing/Fitting Glass Lenses

Full rim



Supplementary Lens Charges

Charge £ Comp

PLASTIC / METAL

(HALF EYE / SHALLOW FRAME) Depth of 20 mm or less requiring hand edging

SUPRA Nylon Cord (S)

SUPRA EXTRAS Replacing Old Nylon

(add to standard price) Replacing Full Gallery Nylon

Making a physical former shape where dummy lens not supplied

NATURAL FRAME MATERIAL/REAL GOLD

ANTIQUE SPECTACLE FRAMES At customers own risk

LORGNETTE Antique folding type

(HALF PAIR MATCHING) Matching fitting parameters on any ½ pair multifocal lens

XXS CAMERA/SHOOTING SIGHTRequiring hand finishing (reduced diameter surfacing charge may be applicable - see page 136)

UNIQUE FRAME DESIGN/LENS SHAPE Non regular lens radius requiring hand finishing where possible

GLASS SANDWICH BONDING

Bonding charge additional to Rx components

i.e. two lenses (white/tinted/photochromic)

DIVING MASKSProfile edging & fitting mineral lenses requiring hand finishing <u>including</u> bonding

additional to Rx components

 FRANKLIN SPLIT BIFOCAL
 Charged in addition to component lens prices

 FRANKLIN SPLIT TRIFOCAL
 Charged in addition to component lens prices

CUT EDGE AND FIT CUSTOMER'S OWN LENSES

Full information on the lenses to be CEF should be supplied at time of ordering.

All work is undertaken at customer's own risk.

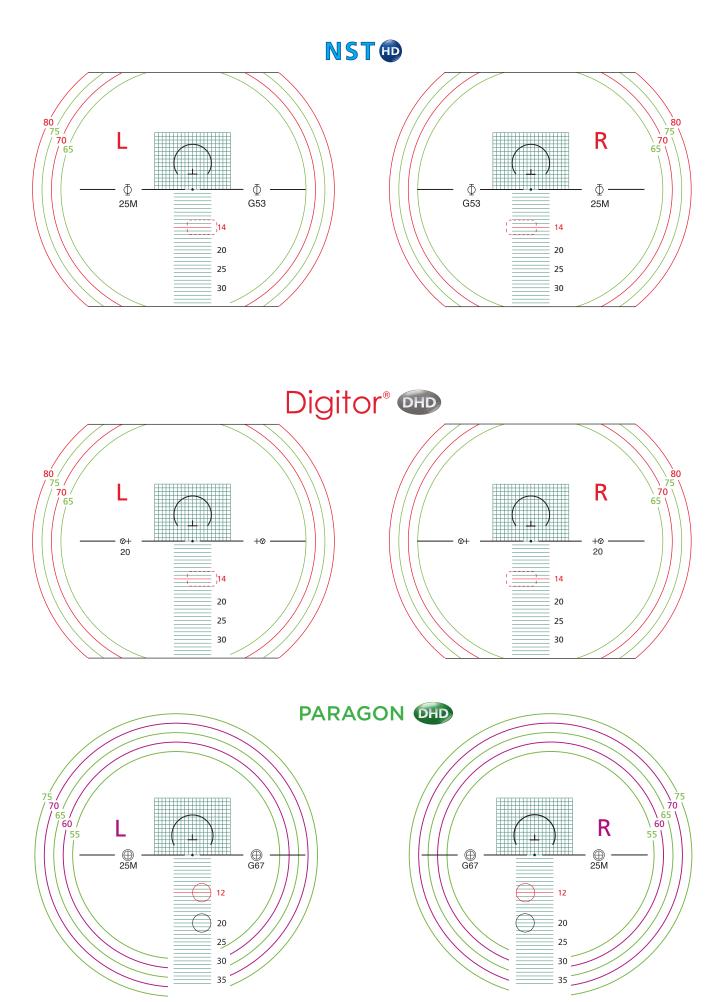
Norville Group retains the right not to undertake any order it deems unsuitable.

Plastic / Metal Frame

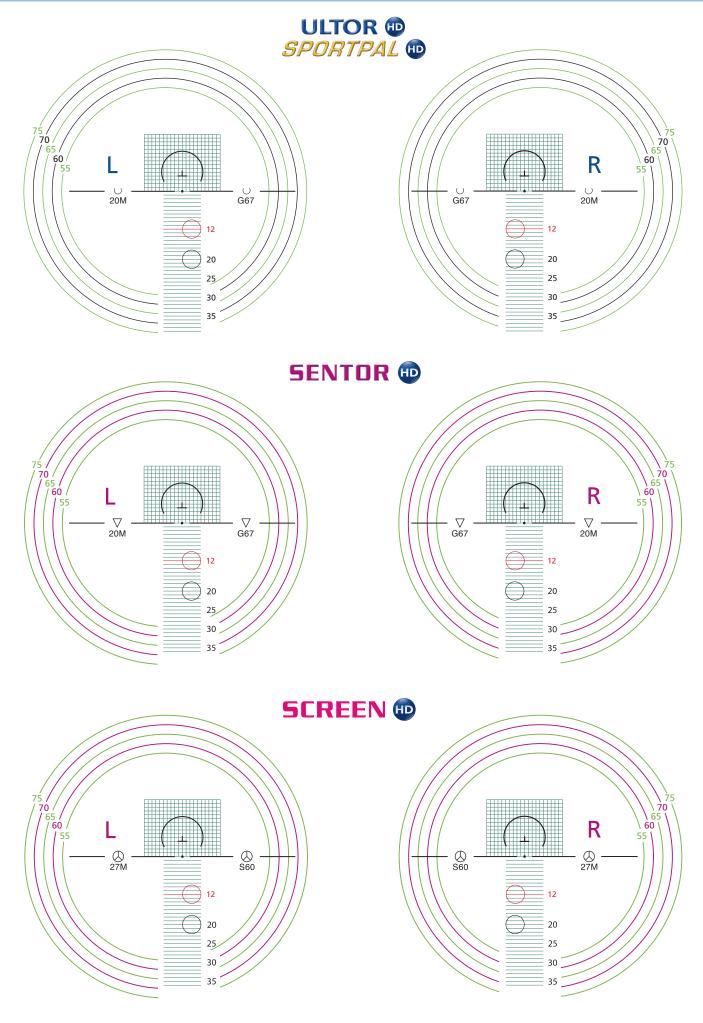
Supra Frame

We regret we are unable to currently offer a remote shaping service for glass lenses.



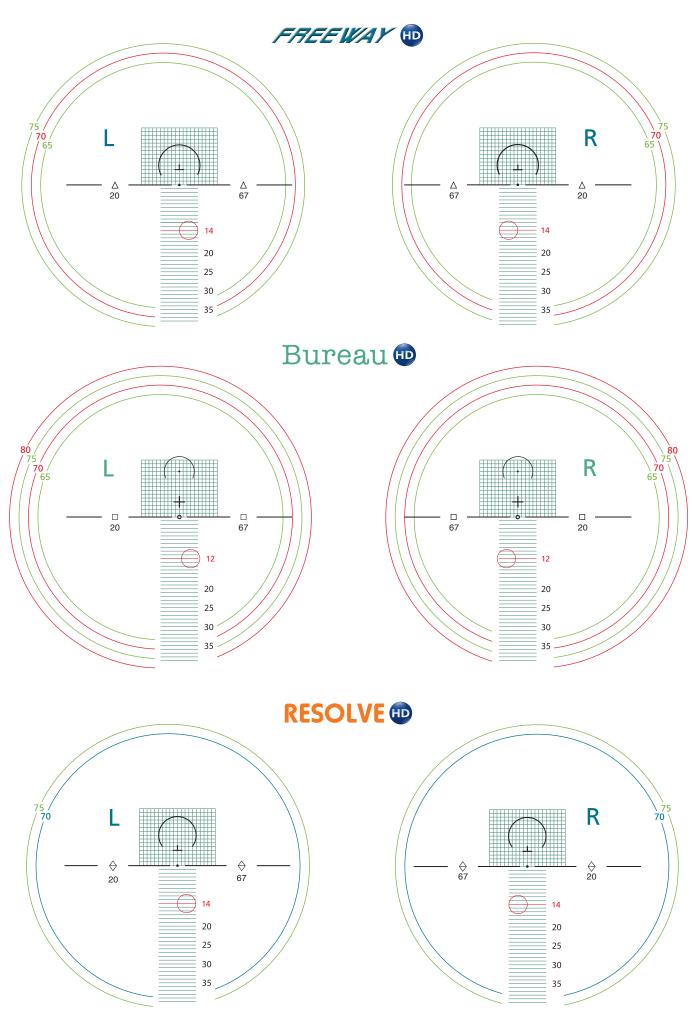


Progressive Lens Remarking Templates

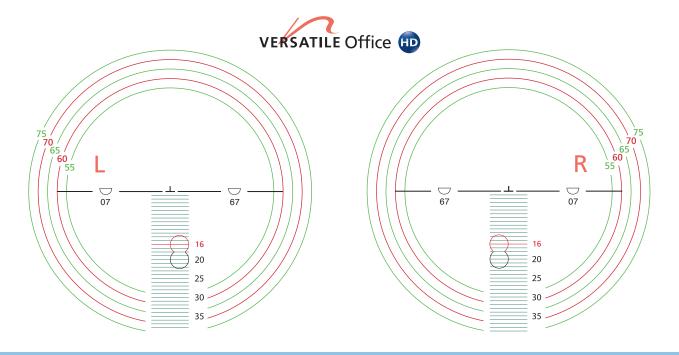


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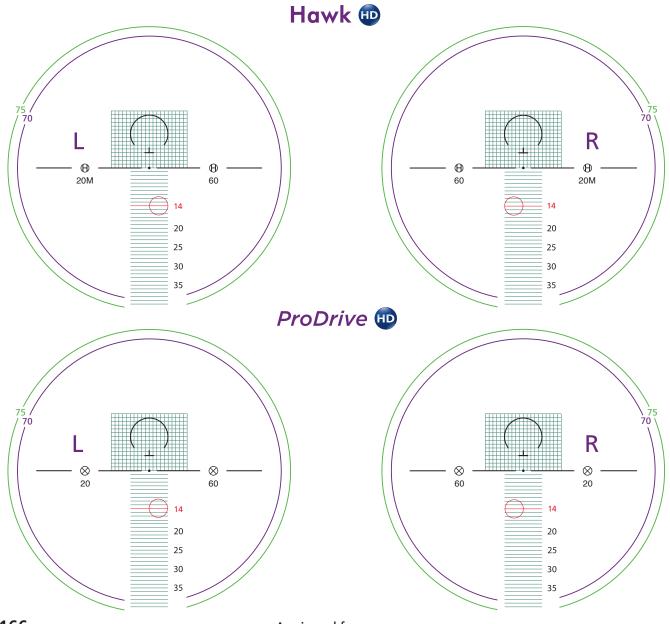
Progressive Lens Remarking Templates



Degressive Lens Remarking Templates

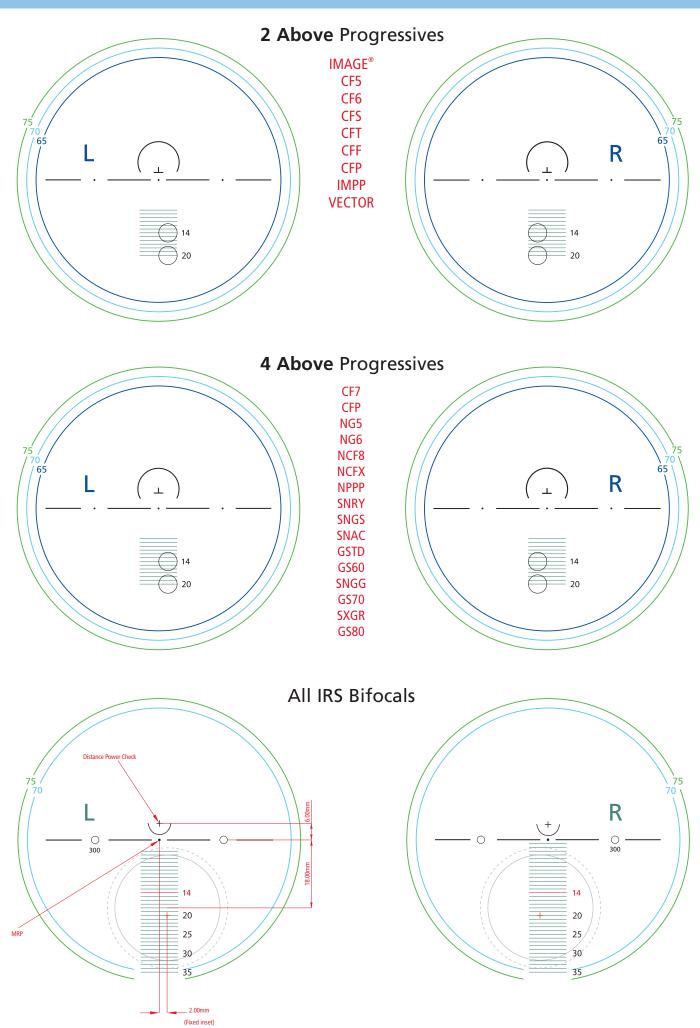


Progressive Lens Remarking Templates - Mineral



166 As viewed from rear

Progressive Lens Remarking Templates



Important Operational Notes

Pricing

- 1. All prices quoted per lens in £ Pounds Sterling.
- 2. Prices exclude V.A.T., postage and packing.
- 3. A minimum invoice charge of £3.00 is applicable.
- Lenses are charged according to highest total power (plus sphere in minus cylinder / minus sphere in plus cylinder form).

Rx Ordering

- Norville manufactures to lens standards as defined in BS/EN/ISO Standards EN/ISO 8980 parts 1, 2, 3 and 4 and BS2738-1998. and mounted spectacle standard BS EN ISO 21987
- 2. It is normal practice to ensure correct horizontal centring by working prism or supplying a larger diameter lens unless specified. XXL bodily decentration is available on free-form digital design lenses see supplementary charges (page 136).
- 3. All surfaced and stock lenses in resin or glass are supplied in minus cylinder form on the rear surface with manufacturer's standard front curve. We may be able to surface special form options in some cases; supplementary charges will however apply.
- 4. Prepare & Advise service for glazed orders is available.

 We will require a shape or specific diameter and will design the lenses based on this information and advise you when to forward frame.

 We cannot accept responsibility for lenses which subsequently are found to be too thick when glazed due to incorrect ordering.

- When ordering half pair bifocals or multifocals the height of the optical centre and any prism thinning instructions should be stated at time of ordering.
- Lens diameters stated
 within this catalogue are
 normally the maximum
 diameter available; this
 diameter will reduce as the
 power requirement
 increases as standard.
- Replacing half pairs of Tinted Multicoated or Transitions is not advisable.
- 8. Coating or tinting patients' own lenses should be avoided unless the complete history of the lens is known. Only available on 1.50 resin uncoated lens types.
- 9. All tints within the catalogue are stated in L.T.F. not ABS.
- 10. Progressive non-tolerance scheme is available on Norville own brand products to the range of prescriptions shown against the product type. Powers outside the stated range or products fitted below the minimum suggested fitting height from lowest tangent or less than 10mm from top rim cannot benefit from our non-tolerance scheme. Slabbed off progressives and degressive lenses are also excluded.

We offer a standard 90 day return option. Claims must be made within 90 days of the purchase date. To claim your Norville nontolerance voucher you must submit the lenses with the original order together with a claim form; this form is available from our Rx Sales Department, email sales@ norville.co.uk or visit our website www.norville.co.uk and click on download.

- 11. Where two differing indices are used in the same spectacle Norville cannot always guarantee a coating match.
- 12. When orders are received they are automatically entered into the production system. We regret therefore that we are unable to cancel an order once this manufacturing process has commenced (see Item 3.3, Terms & Conditions Page 169).
- 13. The greatest care is taken when handling used spectacles. We can however accept no responsibility for material failure; this will also include coating or re-edging of customer's own lenses. All orders are only accepted at customer's own risk.
- 14. When ordering glazed single vision we always try where possible to supply stock finished lenses. However, surfacing for substance is required for smaller or shallower eyeshapes, or where rimless or supra mounts are being glazed. On full rim frames we cannot be held responsible for a thicker than necessary lens edge substance where we are requested to supply a stock lens to a specific diameter.
- For further technical details including tint transmission charts please refer to the Norville RX Companion.
- For further technical details on our range of Free-form inner surface lens options, please refer to the Digital Free-form Directory.
- 17. Norville only recommend TRIVEX or TRIBRID 1.60 for rimless.

TERMS AND CONDITIONS OF SALE

1. DEFINITIONS AND INTERPRETATION

1.1 In these Conditions:

Contract - means any contract for the supply of Goods and/or Services between us and you in accordance with these Conditions;

Conditions - means these terms and conditions as amended from time to time in accordance with clause 12.7, including any special terms and conditions confirmed in writing by us;

Goods - means the goods (or any part of them) including ophthalmic lenses and ophthalmic frames which we shall supply in accordance with these Conditions, under an order which is accepted by us;

Goods Specification – means any specification for the Goods, such as (without limitation) lens prescriptions and measurements relating to the size and shape of lenses, including any relevant plans or drawings, as set out in an order which is accepted by us and any agreed amendments to that specification agreed in writing by you and us;

Services - means the services (if any) supplied by us to you as set out in the Service Specification; Service Specification – means any specification for the Services, such as (without limitation) manufacturing Goods in accordance with the Goods Specification and fitting Goods into phthalmic frames supplied by you or us as set out in an order which is accepted by us and any agreed amendments to that specification agreed in writing by you and us:

agreed amendments to that specification agreed in writing by you and us; **Us** - means The Norville Group Limited, registered in England and Wales with company number 01420296 and "we" and "our" shall be construed accordingly;

You - means the person or firm placing an order for the Goods and/or Services and entering into the Contract with us and "your" shall be construed accordingly;

- 1.2 All rights expressly reserved by or granted to us by these Conditions shall be without prejudice to any other rights which we may have from time to time.
- 1.3 Unless expressly stated otherwise, where our prior written consent is required in these Conditions, then we shall be under no obligation not to unreasonably withhold or delay giving that consent. We shall be under no duty or obligation to you to justify or provide a reason for our decision.
- 1.4 In these Conditions, the following rules apply:
- 1.4.1 a **person** includes a natural person, corporate or unincorporated body (whether or not having separate legal personality);
- 1.4.2 a reference to a party includes its personal representatives, successors or permitted assigns;
- 1.4.3 a reference to a statute or a statutory provision is a reference to such statute or statutory provision as amended or re-enacted. A reference to a statute or a statutory provision includes any subordinate legislation made under that statute or statutory provision, as amended or re-enacted;
- 1.4.3 any phrase introduced by the terms including, include, in particular or any similar expression shall be construed as illustrative and shall not limit the sense of the words preceding those terms; and
- 1.4.4 a reference to writing or written includes faxes and emails.

2. BASIS OF CONTRACT

- 2.1 These Conditions shall apply to all Contracts for the supply of Goods and/or Services by us to you to the exclusion of all other terms and conditions, including any terms and conditions which you may purport to apply under any purchase order. No variation of these Conditions shall be binding unless agreed in writing by us. These Conditions set out the entire agreement to the exclusion of all other terms and conditions that you seek to impose or incorporate or which are implied by trade, custom, practice or course of dealing. Acceptance of delivery of the Goods shall be deemed conclusive evidence of your acceptance of these Conditions.
- 2.2 Our employees or agents are not authorised to make any statements, promises, representations assurances or warranties concerning the Goods and/or the Services unless confirmed by us in writing. In entering into a Contract, you acknowledge that you do not rely on any such statements, promises, representations, assurances or warranties which are not so confirmed. Without limiting the foregoing,

it remains your sole responsibility to ensure that the Goods and/or the Services are of a suitable specification for your purposes.

- 2.3 Where the Goods are to be delivered in instalments, each instalment shall constitute a separate Contract. Failure by us to deliver any instalment shall not entitle you to treat the Contract as repudiated.
- 2.4 All samples, specifications, descriptive matter, drawings and particulars of weights, dimensions and performance issued by us and/or contained in our catalogues and brochures and/or on our website are approximate only and are not intended to form the basis of any Contract or have any contractual force.
- 2.5 We reserve the right to withdraw any offer or special promotion displayed in the catalogue that in our opinion is being abused. However, in the event that you have already placed an order that we have accepted we will provide you with a full refund for any money received.
- 2.6 Any quotation given by us shall not constitute an offer and is only valid for a period of 30 days from its issue.
- 2.7 All of theses Conditions shall apply to the supply of both Goods and Services except where application to one or the other is specified.

3. ORDERS AND SPECIFICATIONS

- 3.1 All orders for Goods and/or Services shall be deemed to be an offer by you to purchase Goods and/or Services pursuant to these Conditions. No order submitted by you shall be deemed to have been accepted by us unless and until the Goods are delivered and/or the Services are supplied to you or, if earlier, your order is confirmed in writing as being accepted by us.
- 3.2 You shall be responsible for ensuring the accuracy of the terms of any order, and, (if submitted by you), the Goods Specification and the Service Specification and for giving us any necessary information and materials relating to the Goods and/or the Services as we may reasonably require and within a sufficient time to enable us to perform the Contract in accordance with these Conditions.
- 3.3 No order which has been accepted by us may be cancelled by you except with our prior written consent and on terms that you shall indemnify us in full against all loss (including loss of profit), costs (including the cost of all labour and material used), damages, charges and expenses incurred by us as a result of cancellation.
- 3.4 We reserve the right to make changes in design or modify or improve Goods without imposing obligations on ourselves to incorporate any such modifications or improvements into Goods previously manufactured.
- 3.5 We reserve the right to amend the specification of the Goods and/or the Goods Specification and/or make changes to the Services and/or the Services Specification to apply with any applicable statutory or regulatory requirements or which do not materially affect the nature, quality or performance of the Goods and/or Services and we shall notify you in any such event.
- 3.6 Where you specify the Goods Specification and/or the Service Specification, such specification shall be subject to reasonable commercial variation other than where expressly agreed in writing with you. You shall indemnify us in respect of all liabilities, costs, claims, expenses, damages and losses (including any direct, indirect or consequential losses, loss of profit, loss of reputation and all interest, penalties and legal and other professional costs and expenses) suffered or incurred

by us in respect of any claims made against us for actual or alleged infringement of a third party's intellectual property rights arising out of or in connection with our use of any specification provided by you. This clause 3.6 shall survive termination of the Contract.

4. PRICE OF THE GOODS AND SERVICES

- 4.1 The price of the Goods and the Services shall be the prices quoted in the most recently published version of the catalogue for the Goods.
- 4.2 While we try to ensure that all advertised prices are accurate, errors may occur. If we discover an error in the price of Goods and/or the Services you have ordered, we will inform you as soon as possible and give you the option of re-confirming the order at the correct price or cancelling it. If we are unable to contact you, we will treat the order as cancelled. If you have already paid for the Goods and the Services (if applicable) and the order is subsequently cancelled, you will receive a full refund.
- 4.3 We reserve the right to increase the price of the Goods, and/or the Services by giving you notice at any time before delivery, to reflect any increase in the cost of the Goods and/or the Services to us that is due to:
- 4.3.1 any factor beyond our control (including foreign exchange fluctuations, increases in taxes and duties, and increases in labour, materials and other manufacturing costs);
- 4.3.2 any request by you to change the delivery date(s), quantities or types of Goods and/or Services ordered, or the Goods Specification, or the Service Specification; or
- 4.3.3 any delay caused by any of your instructions in respect of the Goods and/or the Services or your failure to give us adequate or accurate information or instructions in respect of the Goods and/or the Services.
- 4.4 Except as otherwise agreed in writing by us, all prices are given by us on an ex-works basis, and where we agree to deliver the Goods otherwise than at our premises, you will be liable to pay our charges for transport, packing and insurance.
- 4.5 Unless stated otherwise, the price is exclusive of any applicable value added tax, which you shall automatically be liable to pay us at the rate from time to time in force.

5. TERMS OF PAYMENT

- 5.1 Payment for the Goods and the Services (if applicable) is required from you via your account with us in full within 30 days of the end of the month following delivery of the Goods or (where we waived the requirement for you to set up an account with us) by credit or debit card in full at the time of placing your order. Receipt of payment by us does not amount to us accepting your order, and your order only becomes binding as stated in clause 3.1. The time of payment shall be of the essence of the Contract.
- 5.2 We reserve the right to refuse an order, or require payment by bank or credit card, where any order placed by you would, if accepted by us, take you over the credit limit on your account with us.
- 5.3 In the event that a payment is dishonoured by your bank or credit card provider, they (being your bank, credit card provider or our debt collection company) may charge a fee. Where we incur any fee or liability as a result of a dishonoured payment, you will be liable to reimburse us in full for the amount we have incurred.
- 5.4 All credit and charge card holders are subject to validation checks and authorisation by the card issuer. If the issuer of your payment card refuses to authorise payment to us, we will not be liable for any delay or non-delivery. In addition, in the interests of preventing fraudulent use of credit, debit and charge cards, we may validate the names, addresses and other information supplied by you during the order process against commercially available records (e.g. Electoral Roll data, Credit Reference Services). A third party may also be instructed to complete these checks. By ordering from our website you consent to such checks being made. We may need to contact you by letter, telephone or email to verify details before we are able to process and dispatch your order or we may be unable to accept your order. Any information given may be disclosed to a registered Credit Reference Agency which may keep a record of the information. All information provided will be treated in accordance with the Data Protection Act 1998. These measures are taken as extra protection for you, to ensure your online shopping experience with us is as safe and secure as possible.
- 5.5 If you fail to make any payment on the due date (including if any payment is dishonoured by your bank or credit card provider), then we reserve the right to cancel the Contract or suspend further deliveries to you, and/or charge you interest in accordance with the Late Payment of Commercial Debts (Interest) Act 1998.
- 5.6 You shall not withhold payment or other amount due to us by reason of any right of set-off or counterclaim that you may have or allege to have or for any other reason whatsoever.

6. DELIVERY

- 6.1 We will not dispatch your Goods or perform the Services prior to payment in full being received by us, or prior to any validation checks being satisfactorily completed. Your Goods will normally be delivered within five working days thereafter, unless a longer timescale is indicated in the catalogue (UK mainland only).
- 6.2 We may deliver your Goods in one instalment, or a number of separate instalments. You shall make all arrangements to take delivery of the Goods whenever they are tendered for delivery.6.3 Any dates quoted for delivery of the Goods and performance of the Services are approximate
- 6.3 Any dates quoted for delivery of the Goods and performance of the Services are approximate only and we shall not be liable for any delay in delivery of the Goods and/or performance of the Services howsoever caused. Time for delivery shall not be of the essence of the Contract. We may deliver the Goods and perform the Services in advance of the quoted delivery date upon giving you reasonable notice.
- 6.4 If you fail to take delivery of the Goods or fail to give us adequate delivery instructions at the time stated for delivery, then we reserve the right to store the Goods until actual delivery and charge you for the reasonable costs (including insurance) of storage, or sell the Goods at the best price readily obtainable and (after deducting all reasonable storage and selling expenses) account to you for the excess over the price under the Contract or charge you for any shortfall below the price under the Contract.
- 6.5 You shall be deemed to have accepted the Goods 14 days after delivery to you. Subject to clauses 8.2 to 8.4 (inclusive), after acceptance, you shall have no right to reject Goods that are not in accordance with the Contract. Notwithstanding the Sale of Goods Act 1979, acceptance of some of the Goods by you, whether conforming to the Contract or not, shall deprive you of the right to reject the rest of the Goods, whether they conform to the Contract or not.
- 6.6 No Goods delivered to you which are in accordance with this Contract will be accepted for return. Any such Goods returned by you may, at our discretion, be returned to you or stored at your cost without prejudice to our other rights and remedies.
- 6.7 Any Goods that are returned, whether defective or otherwise, shall be returned at your cost in the same condition as delivered to you, complete with the original packaging, materials and inserts and with the original delivery note for those Goods. The risk in those Goods does not pass to us until we have received them from you.
- 6.8 If you have an account with The Norville Group, and are purchasing prescription work, postage costs will be in line with the terms agreed between you and us. Postage costs for customers without accounts or from outside the UK mainland can be obtained by contacting us prior to placing your order.

TERMS AND CONDITIONS OF SALE

7. RISK AND TITLE

7.1 Risk of damage to or loss of the Goods shall pass to you at the time we notify you that the Goods are available for collection (in the case of Goods to be collected) or at the time of delivery or, if you fail to take delivery, at the time we tender the Goods for delivery (in the case of Goods to be delivered).

7.2 Notwithstanding delivery and the passing of risk in the Goods or any other provision of these Conditions, the legal and equitable title in the Goods shall not pass to you until we have received in cleared funds payment in full of the price of the Goods and the supply of the Services (if applicable) or, if later, at the time risk of damage to or loss of the Goods shall have passed to you. 7.3 Until such time as the title in the Goods passes to you, you shall hold the Goods as our fiduciary agent and bailee, you shall keep the Goods separate from your own and those of third parties, you shall keep the Goods properly stored, protected, insured and identified as our property, and you shall not resell or use the Goods.

7.4 Until such time as the title in the Goods passes to you (and provided the Goods are still in existence and have not been resold) we shall be entitled, at any time, to require you to return the Goods to us (at your cost) and, if you fail to do so seek a court order to permit us to enter upon any premises where the Goods are stored and repossess the Goods.

8. WARRANTIES

8.1 You hereby warrant and represent to us that you are purchasing the Goods in the course of your business and not as a consumer (within the meaning of the Consumer Rights Act 2015). You shall indemnify us in respect of all direct and indirect loss and other liability whatsoever arising as a result of your breach of clause 8.1.

8.2 We warrant to you that the Goods will, at the time of delivery, be of satisfactory quality, be free from material defects and materially correspond to any description or specification given by us in writing to you. For the avoidance of doubt, we do not warrant the suitability of the Goods for any specific purpose, even if that purpose is made known to us before you place your order.
8.3 Subject to clause 8.2, all warranties, conditions or other terms implied by statute or common law, including (without limitation) warranties as to quality, freedom from defects and fitness for purpose) are excluded to the fullest extent permitted by the applicable law. You hereby acknowledge this disclaimer and agree that it is reasonable in all the circumstances.

8.4 Any claim by you which is based on breach of clause 8.2 shall be notified to us in writing within 14 days of delivery to you or (where the breach was not apparent on reasonable inspection) within a reasonable time after discovery of the breach. If delivery is not refused, and you do not notify us accordingly, you shall not be entitled to reject the Goods and we shall have no liability for such breach, and you shall be bound to pay the price as if the Goods had been delivered in accordance with the Contract.

8.5 Subject to clause 9.4, if:

8.5.1 you give us notice in accordance with clause 8.4 and;

8.5.2 we are given a reasonable opportunity of examining the Goods you claim are defective; and 8.5.3 you return such Goods to our place of business at your cost,

we shall, at our option, repair or replace defective Goods, or refund or issue a credit note for the price of defective Goods in full.

8.6 We warrant to you that the Services will be provided using reasonable skill and care.

9. LIABILITY

9.1 Except in respect of death or personal injury caused by our negligence, we shall not be liable to you by reason of any representation (unless fraudulent), or any implied warranty, condition or other term, or any duty at common law or under the express terms of the Contract, for any indirect, special or consequential loss or damage (whether for loss of profit or otherwise), costs, expenses or other claims for compensation whatsoever (whether caused by our negligence or that of our employees, agents or otherwise) which arise out of or in connection with the supply of Goods or their use or resale by you or the performance of the Services, and our entire liability under or in connection with the Contract shall not exceed the price of the Goods and the Services (if applicable), except as expressly provided in these Conditions.

9.2 If we fail to deliver the Goods (or any instalment) for any reason other than any cause beyond our reasonable control or your fault, and we are accordingly liable to you, our liability shall be limited to the excess (if any) of the cost to you (in the cheapest available market) of similar goods to replace those not delivered over the price of the Goods.

9.3 Where you accept or have been deemed to have accepted the Goods, then we shall have no liability whatsoever to you in respect of the Goods (save where the breach was not apparent on reasonable inspection in accordance with clause 8.4).

9.4 We shall not be liable for the Goods' failure to comply with the warranty in clause 8.2 if:

9.4.1 you make any further use of such Goods after giving a notice in accordance with clause 8.4;
9.4.2 the defect arises because you failed to follow our oral or written instructions as to the storage, use or maintenance of the Goods or (if there are none) good trade practice;

9.4.3 the defect arises as a result of us following any drawing, design, Goods Specification or Service Specification supplied by you;

9.4.4 you alter or repair such Goods without our prior written consent;

9.4.5 the defect arises as a result of fair wear and tear, wilful damage, negligence, or abnormal working conditions;

9.4.6 the Goods differ from their description and/or the Goods Specification (as applicable) as a result of changes made to ensure they comply with applicable statutory or regulatory standards.
9.5 We shall have no liability to you for late delivery or short delivery of the Goods.

9.6 If our performance of any of our obligations in respect of the Services (if applicable) is prevented or delayed by any act or omission by you or failure by you to perform any relevant obligation (Customer Default):

9.6.1 we shall without limiting our other rights and remedies, have the right to suspend performance of the Services until you remedy the Customer Default, and to rely on the Customer default to relieve us from the performance of any of our obligations to the extent that the Customer Default prevents or delays our performance of our obligations;

9.6.2 we shall not be liable for any costs or losses sustained or incurred by you arising directly or indirectly from our failure or delay to perform any of our obligations as set out on this clause 9.6; 96.3 you shall reimburse us on demand for any costs or losses sustained or incurred by us arising directly or indirectly from the Customer Default.

9.7 This clause 9 shall survive termination of the Contract

10. PRODUCT SAFETY

You agree to satisfy yourself that the Goods are fit for your intended purpose and comply with all relevant laws, regulations and other requirements, including (but not limited to) the General Product Safety Regulations 2005, the rules of the General Optical Council, the Association of British Dispensing Opticians, the Federation of Ophthalmic and Dispensing Opticians and any additional safety regulations or guidelines published from time to time to the extent that they apply to the Goods, and you undertake to indemnify us in respect of any and all claims arising from the Goods being unsafe as a result of your failure to comply therewith.

11. YOUR NON-PAYMENT OR INSOLVENCY

Without limiting our other rights and remedies, if you fail to pay any amount due under the Contract on the due date for payment and/or you make any voluntary arrangement, enter administration or liquidation, become bankrupt, insolvent, cease to trade, threaten to cease to trade or commit any other act of bankruptcy (or it appears to us that you are likely to fail to pay an amount due or commit any of these acts) we reserve the right to cancel the Contract with immediate effect by giving written notice to you or suspend any further deliveries of Goods and/or supply of Services to you under the Contract without any liability to you.

12. GENERAL

12.1 We shall not be liable to you or deemed to be in breach of Contract by reason of delay or failure to perform any of our obligations if the delay or failure is due to an act or cause beyond our reasonable control.

12.2 These Conditions shall not be enforceable by any person other than you, the buyer of the Goods and Services (if applicable) with whom we have entered into a Contract.

12.3 Any notice required or permitted to be given by either party to the other under these Conditions shall be in writing addressed to the other party's principal place of business.

12.4 A waiver by us of any right under the Contract or law is only effective if it is in writing and shall not be deemed to be a waiver of any subsequent breach or default. No failure or delay by us in exercising any right or remedy under the Contract or by law shall constitute a waiver of that or any other right or remedy, nor prevent or restrict our further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall prevent or restrict the further exercise of that or any other right or remedy.

12.5 Nothing in the Contract is intended to, or shall be deemed to, establish any partnership or joint venture between any of the parties, nor constitute either party the agent of another party for any purpose. Neither party shall have authority to act as agent for, or to bind, the other party in any way.

12.6 Where any law or court deems any Condition to be invalid or unenforceable in whole or in part, then the offending part shall be removed and the validity of the remainder of the Conditions shall not be affected.

12.7 Except as set out in these Conditions, no variation of the Contract, including the introduction of any additional terms and conditions shall be effective unless agreed in writing and signed by us. 12.8 We may at any time assign, transfer, mortgage, charge, subcontract or deal in any other manner with all or any of our rights under the Contract and may subcontract or delegate in any manner any or all of our obligations under the Contract to any third party.

12.9 You shall not, without our prior written consent, assign, transfer, charge, subcontract, declare a trust over or deal in any other manner with all or any of your rights or obligations under the Contract

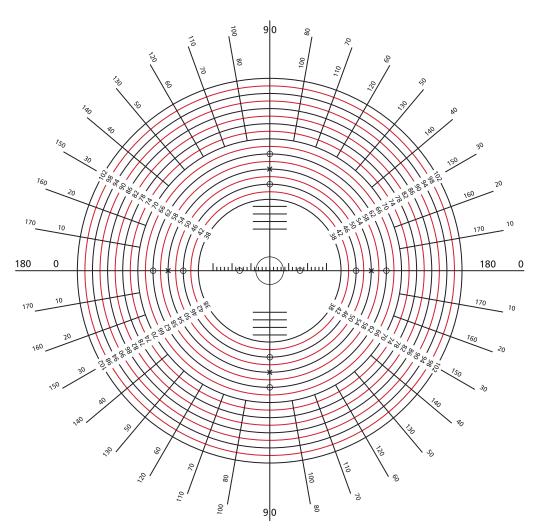
12.10 The Contract and these Conditions and any dispute or claim arising out of or in connection with their subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with the laws of England and Wales, and each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle such disputes and claims.

12.11 We reserve the right to monitor and record telephone calls our staff receive and make, in order to monitor staff performance and ensure the highest service possible is provided to our customers.

12.12 The copyright in all photographs, images and descriptions contained in the catalogues and brochures for the Goods and on our website are owned by us, and may not be reproduced without our express consent.

12.13 If the performance of the Contract or any obligation hereunder is prevented by force majeure, we shall be excused performance, provided that we shall use reasonable endeavours to remove such cause(s) of non-performance, and shall continue performance hereunder without delay whenever such cause(s) are removed. For the purpose of these Conditions, "force majeure" shall include Acts of God, strikes, lock-outs, industrial action, fire, accident, lightning, earthquake, volcanic activity, storms, flood, shortage of supply of raw materials, lack of mains power, explosion, war and any circumstance beyond our reasonable control.

12.14 Clauses which expressly or by implication have effect after termination shall remain in full force and effect.



TO DETERMINE MINIMUM BLANK DIAMETER.

Centre eyeshape. Then move the frame or lens by any specified decentration but **in the opposite directions** I.E. out for In, Down for Up etc. Then read off minimum effective diameter circle measurement. Add 2mm depth of V bevel = E.L.D. which is the smallest lens diameter needed to glaze.

Nationwide Rx Service Contact Guide

Communication Network

All Norville regional locations are directly linked from the Gloucester Hub switchboard. Individual and branch dialling codes will still connect to your dialled location.

Gloucester (Hub laboratory) Service House, Magdala Road, Gloucester GL1 4DG

Phone: 01452 528686 • Fax: 01452 411094

Email: rxsales@norville.co.uk

Bolton Folds Road, Turner Bridge, Bolton BL1 2TU

Phone: 01204 381224 • Fax: 01204 388906

Email: bolton@norville.co.uk

Edinburgh Grange Road, Houstoun, Livingston, Nr. Edinburgh EH54 5DE

Phone: 01506 434261 • Fax: 01506 431851

Email: livingston@norville.co.uk

Seaham Unit 6A, Chevychase Court, Seaham Grange Estate, Seaham SR7 OPR

Phone: 0191 523 8023 • Fax: 0191 523 8024

Email: seaham@norville.co.uk

Direct Computer Link - EDI - contact IT Department, Gloucester

Overnight Courier

Couriers travel overnight between all Norville regional locations so your orders can be sent via any laboratory for internal transfer to Norville Specialist Centres.

Specialist Technical Skills

SKILLS	NORVILLE LOCATIONS
Diving and Swimming Goggles	Gloucester
Franklin Splits	Livingston & Seaham
Free-form Manufacturing	Gloucester
Hoya	Livingston & Seaham
Lindberg/Specialist Rimless	All Locations
Polycarbonate	Bolton
Presto LVA & Prism Controlled	Livingston & Seaham
Protective Rx	Bolton
Rimless Glazing	All Locations
Sports Wrap Glazing	Gloucester
Vac Coating	Gloucester
Zeiss	Livingston & Seaham
Online Ordering	www.norville.co.uk



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