

Resin & Mineral Ophthalmic Lenses

UNCUT AND GLAZED CATALOGUE



THE NORVILLE GROUP

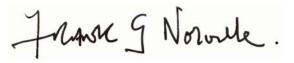


As we approach 2020, Norville anticipates celebrating 73 years as an Ophthalmic prescription supplier. Still as an independent family business, our Gloucester prescription hub is supported by our other prescription processing locations regionally.

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 mid and high index 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 free-form state-of-the-art HD lens production centre at Gloucester for both resin & glass HD spectacle lenses.

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.

We all travel in trying times, not least your UK independent Rx industry. Its rapid contraction has resulted in a dire shortage of competent technicians, all of whom take many years to upskill. We look to and thank you for your regular support of independent UK Rx manufacturing.



GUIDE TO SYMBOLS

GENERAL INFORMATION



STOCK FINISHED single vision lens option



AUTOSELECT

selection determined by FITTING HEIGHT specified



Short and Long Corridor - design computer



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

T 20%

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

ISP

Inner Surface Progressive **ULTOR** is available in

General Outdoor Desk **S**portor



SENTOR is available in

General Outdoor



VECTOR

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



Other specialist progressives as named.

Digital Lens Masters

Gloucester





group			
Technical Information Plano Finished Stock	Pages 2, 4 and 5 Pages 6 - 7	RESIN LENSES Tints / Coatings Mirror	Page 123
1.50 Index Single Vision Fresnel Press on Finished Stock Surfaced Specialist Photochromic Drivewear Polarised Bifocals Round Free-form	Page 8 Pages 10 - 12 Page 13 Pages 14 - 15 Page 16 Page 17 Pages 17 - 18 Pages 19 - 20 Page 21	Hardcoat / Anti-fog Reactolite Clarity Coatings Mono Tints Graduated Tints Dot Com Tints Custom / ReadEZ Resin Tints Specialist Resin Tints Supplementary Charges - Resin Surfaced Lenses Digital Surfacing Glazing and Fitting	Page 124 Page 124 Page 125 Page 126 Page 126 Page 127 Page 127 Page 127 Page 128 Pages 129 - 130 Page 130 Pages 131 - 132
Flat Top C Seg E Style Trifocals Degressives / Occupational Progressives Occupational Progressives	Pages 22 - 23 Page 23 Page 24 Pages 24 - 25 Pages 26 - 27 Pages 28 - 35 Page 36	MINERAL LENSES 1.523 Index Single Vision Finished Stock Surfaced Bifocals	Page 134 Pages 134 - 135 Pages 136 - 138
Trivex 1.53 Index Single Vision Bifocals/Trifocals Degressives / Occupational Progressives	Pages 38 - 42 Pages 43 - 44 Page 45 Pages 46 - 52	Trifocals Degressives Progressives 1.60 Index Single Vision	Page 137 Page 137 Pages 138 - 139 Page 141
1.56 Index Vista-Mesh Blutech BT66	Pages 54 - 55 Page 56	Bifocals Degressives Progressives	Page 142 Page 142 Page 143
1.58 Index Blutech BT70	Page 57	1.70 Index Single Vision Finished Stock	Page 145
Polycarbonate 1.59 Index Single Vision Finished Stock Surfaced Bifocals Trifocals Degressives / Occupational Progressives	Pages 59 - 60 Pages 59 - 62 Pages 63 - 64 Page 65 Pages 65 - 66 Pages 67 - 73	Surfaced Bifocals Degressives Progressives 1.76 Index X Ray Filter	Page 145 Page 145 Page 145 Page 146 Page 146
1.60 Index Single Vision Finished Stock Surfaced / Aspheric Bifocals Degressives / Occupational Progressives XT16 Tribrid	Page 75 Pages 76 - 79 Pages 79 - 80 Pages 81 - 82 Pages 82 - 87 Pages 89 - 90 Pages 92 - 95	1.80 Index Single Vision Bifocals Progressives 1.90 Index Single Vision Bifocals Progressives	Page 148 Page 149 Page 149 Page 150 Page 150 Page 150
1.67 Index Single Vision Finished Stock Surfaced Bifocals Specialist Progressives Degressives / Occupational Progressives	Page 97 Pages 97 - 100 Pages 101 - 102 Page 102 Pages 103 - 104 Pages 104 - 110	Tints / Coatings - Glass Vac Coatings Supplementary Charges - Glass Surfaced Lenses Glazing and Fitting Digital Surfacing	Page 151 Page 152 Page 153 Page 154
1.74 Index Single Vision Bifocals Degressives / Occupational Progressives	Pages 112 - 114 Pages 114 - 115 Pages 115 - 116 Pages 117 - 120	Spectacle Frame Repairs Progressive Lens Remarking Templates Operational Notes Terms and Conditions Effective Diameter Chart	Page 155 Pages 156 - 159 Page 160 Pages 161-162 Page 163
1.76 Index Single Vision Bifocals Progressives	Page 122 Page 122 Page 122		3

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!

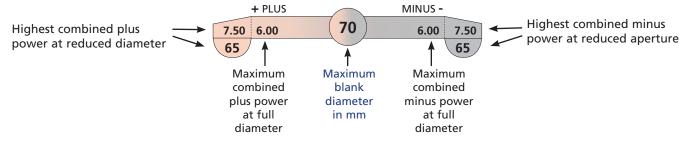
After the input of all decentration and height setting information overlaid on the lens shape the unique Norville lens design software will then **autoselect** the appropriate progression length - when free-form is available in individual 2mm steps. You don't even have to think about it. Should there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

		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		
SUVW	WHITE 1.50 Resin + UV		74 x 2.0mm	600		
PSVC	WHITE 1.50 Resin + UV		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,		3 75	625		
POL6	1.50 Resin POLARISED GREY/GREEN		80	600		
POL8	1.50 Resin POLARISED GREY/GREEN	I/BROWN	80	800 WRAP		
TRNS	TRIVEX NUPOLAR GREY/BROWN 3		75	625		
	PHOTOCHROMIC					
TRAP/TRAB	TRANSITIONS GREY/BROWN 1.50	14/11/4/50	70	500		
TXX	TRANSITIONS XTRActive GREY/BRO	WN 1.50	65	500		
SUS+	SUNSENSOR GREY/BROWN 1.56		70	500		
DRWT	POLARISED PHOTOCHROMIC TRIVEX DRIVEWEAR NUPOLAR TRA	NSITIONS INAR	74	625		
DIVVI	TRIVEX DRIVEWEAR NOT GLAR TRA	NSITIONS INAIL	74	023		
PSBM	RESIN MIRROR 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		
	RESIN MATT MIRROR NEW					
PMMB	BLUE MATT MIRROR 1.50 Resin	G15	74	600		
PMMG	GOLD MATT MIRROR 1.50 Resin	B15	74	600		
PMMN	GREEN MATT MIRROR 1.50 Resin	G15	74	600		
PMMP	PURPLE MATT MIRROR 1.50 Resin	B15	74	600		
PMMS	SILVER MATT MIRROR 1.50 Resin	G15	74	600		
	PLEASE NOTE THAT UNCUT PLAN	NO LENSES CAN I	BE ORDERED THRO	UGH NLS		
				-		

Speciality Finished Plano Lenses

	RESIN SPECIALIT	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 Colour	rs) 65	400		
MEZA-L	(MA to ML colour	rs) 65	400		
	RESIN O	CCLUDERS			
PFRO	1.50 Resin FROSTED	65		*	
POCC	1.50 Resin OCCLUDER BLACK	65		*	

Glass Plano & Speciality Finished Plano Lenses

			S PLANO FINISH		Per Lens	Per Lens
ENS CODE	Type Transmission Tint/Coating		Diameter x Thickness	Base Curve	UNCUT	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	ОМІС				
SLP CO	3 POLAR COPPER PHOTOCHROMIC	24% TO 9%	71 X 2.4mm	600		
SLP PE	3 POLAR GREY PHOTOCHROMIC	24% TO 9%	71 X 2.4mm	600		
		MINERAL G	GLASS WAFERS			
BIWA	WHITE CROWN 30mm RD BIFOCAL 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.

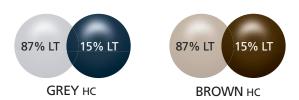
^{*}For exact stock range availability and volume (10 +) uncut pricing please refer to our NLS Finished Stock Lens Catalogue or see online - www.norville.co.uk

	RESIN SPECIALITY SINGLE VISION		
LENS CODE		Per Lens UNCUT	Per Lens GLAZED
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 124.



Manufactured in Gloucester UK











RESIN LENSES 1.50 INDEX

NORLITE 1.50 RESIN

Reactolite®

NUPOLAR

NUPOLAR infinite - NuPolar CHROMATIC

Transiti@ns[®]

Transitions XTRActive

Transitions Vantage

Transiti@ns[®] **DRIVEWEAR**[®]

1.498

Index

58

Abbe

1.3g/cm³

Density

350nm

UV



RESIN SINGLE VISION FINISHED STOCK



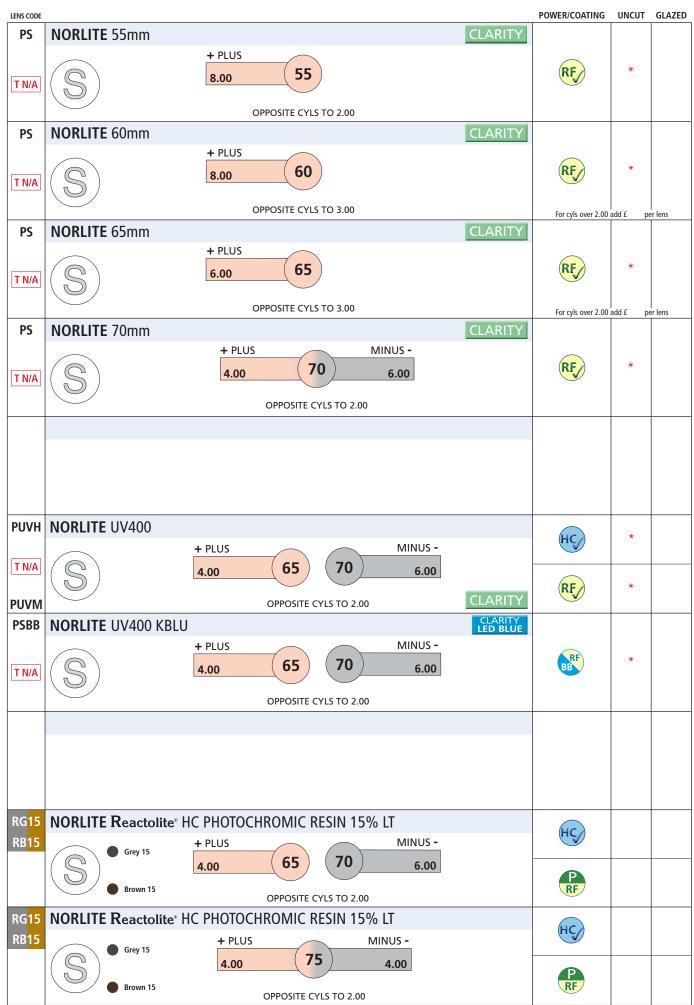
LENS CODE		POWER/COATING	UNCUT	GLAZED
PS	NORLITE 50mm + PLUS	UNC	*	
	8.00 4.00 50 OPPOSITE CYLS TO 2.00	HC	*	
PS	NORLITE 55mm + PLUS	UNC	*	
	6.00 Plano 55 OPPOSITE CYLS TO 2.00	HC	*	
PS	NORLITE 55mm + PLUS	UNC	*	
	8.00 6.25 55 OPPOSITE CYLS TO 2.00	HC	*	
PS	NORLITE 60mm	UNC	*	
	+ PLUS 6.00 Plano 60	For cyls over 2.00	add £ p	er lens
	OPPOSITE CYLS TO 3.00	For cyls over 2.00	add £ p	er lens
PS	NORLITE 60mm	(UNC)	*	
	+ PLUS 8.00 6.25 60	For cyls over 2.00		er lens
	OPPOSITE CYLS TO 3.00	For cyls over 2.00	add £ p	er lens
PS	NORLITE 65mm + PLUS MINUS -	For cyls over 2.00	* add £ p	er lens
	6.00 65 6.00 OPPOSITE CYLS TO 4.00 CYLS OVER	For cyls over 2.00	* add £ p	er lens
PS	NORLITE 70mm	(INC)	*	
	+ PLUS MINUS - 6.00 6.00	UNC	*	
	Note: HC to +4.50 sphere only OPPOSITE CYLS TO 2.00			
PS	NORLITE 75mm			
	+ PLUS MINUS - 4.00 75 4.00 OPPOSITE CYLS TO 2.00	UNC	*	

^{*}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



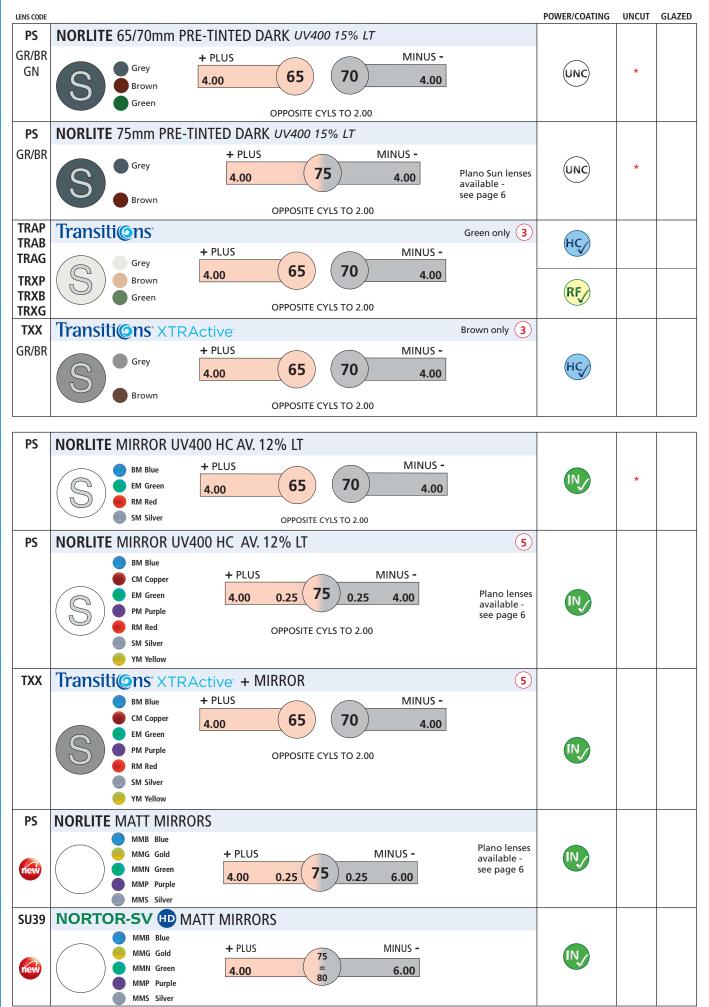
RESIN SINGLE VISION FINISHED STOCK





RESIN SINGLE VISION FINISHED STOCK

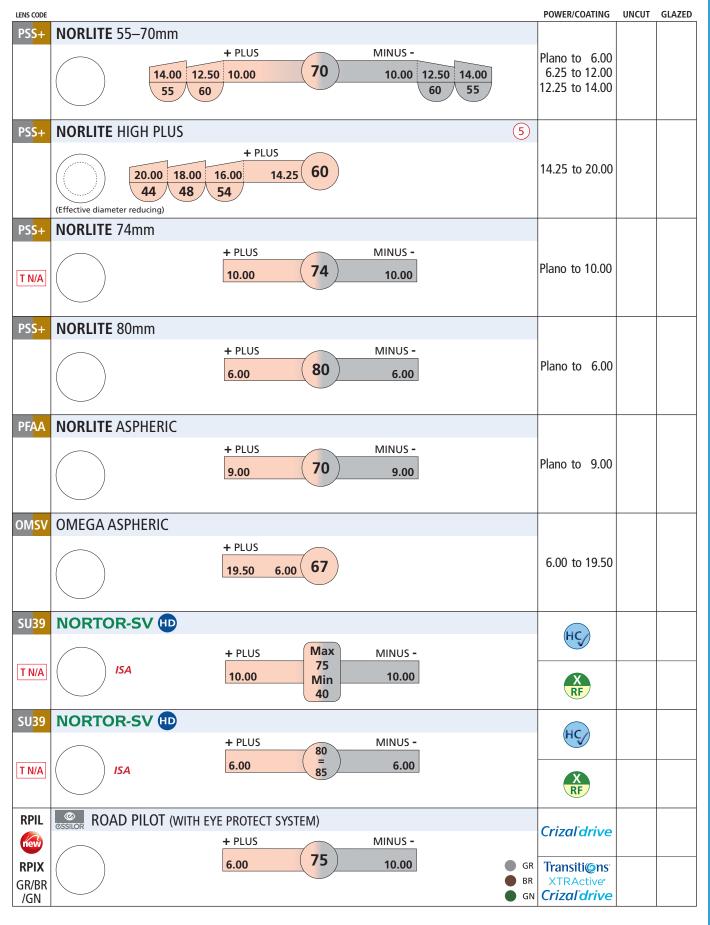






RESIN SINGLE VISION SURFACED







RESIN LENTICULAR PLUS & MINUS SINGLE VISION



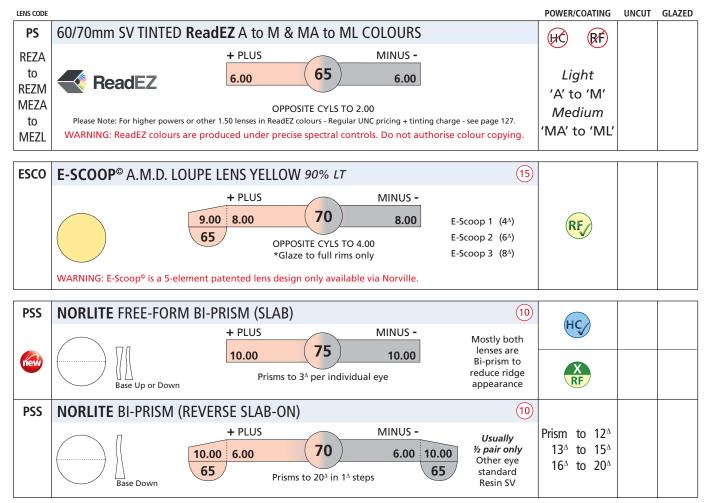
LENS CODE		POWER/COATING	UNCUT	GLAZED
PA38	NORLITE 38mm LENTICULAR			
	+ PLUS 18.00 10.00 68	10.00 to 14.00 14.25 to 18.00		
PAL	NORLITE 42mm LENTICULAR ASPHERIC			
	+ PLUS 20.00 10.00 67	10.00 to 14.00 14.25 to 20.00		
PA34	NORLITE 34mm LENTICULAR (10)			
	+ PLUS 34mm button reducing Over 30.00 27mm (PA27) Over 40.00 25mm (PA25) 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 POWERS IN DIOPTRES 4x = +17.69 5x = +23.90 6x = +28.06 8x = +39.14 34mm button 6x = +28.06 8x = +39.14 10x = +55.70 12x = +71.36 34mm button 65mm POWERS IN DIOPTRES POWERS POWERS IN DIOPTRES POWERS P	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		

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



RESIN SPECIALIST SINGLE VISION





MYOPIA CONTROL*



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

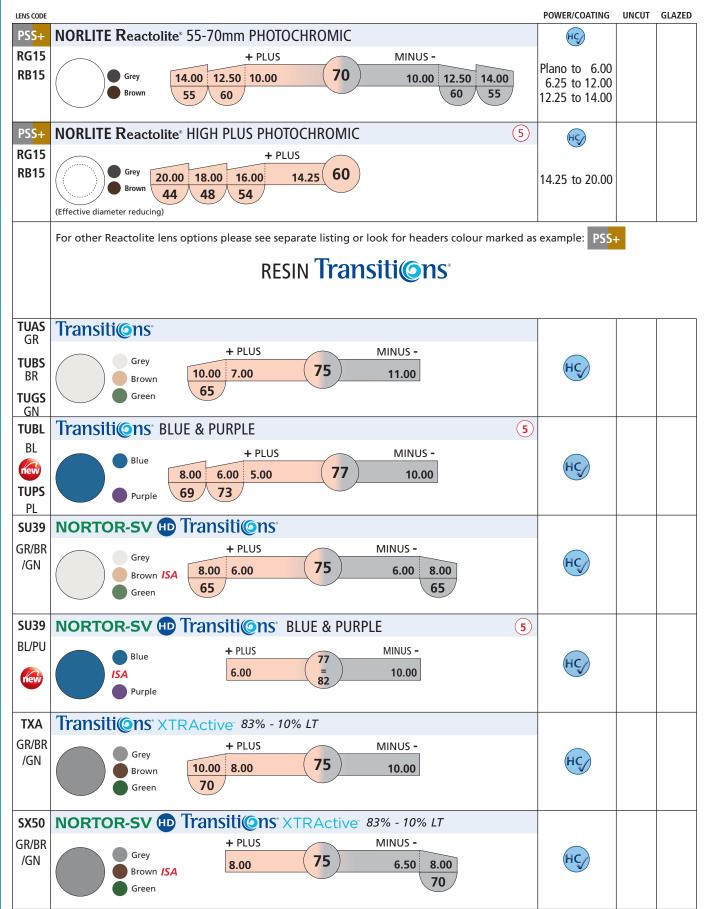
With few published clinical outcomes for Myopia Control spectacle lenses, The Norville Group can take no responsibility for individual Px results. Optometrists are recommended to follow College of Optometrists prescribing guidelines for Myopia Control spectacle lenses.

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



RESIN Reactolite® SINGLE VISION

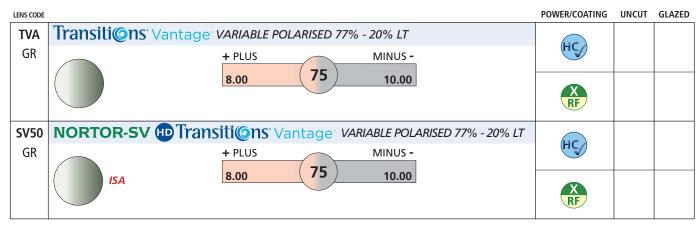




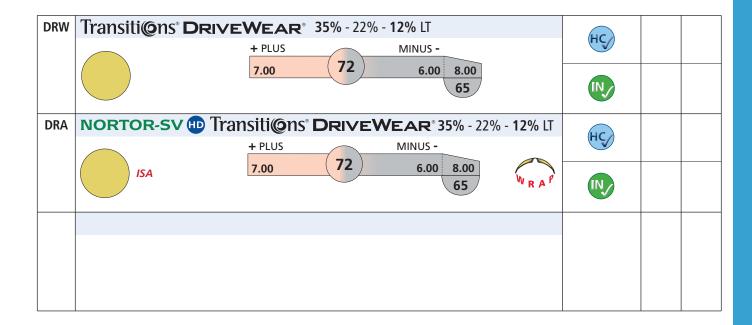


RESIN VARIABLE POLARISED SINGLE VISION

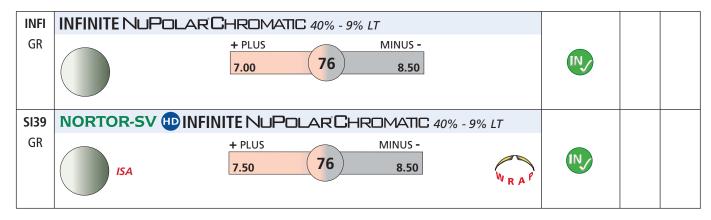




RESIN **DRIVEWEAR** SINGLE VISION



RESIN PHOTOCHROMIC NUPOLAR®

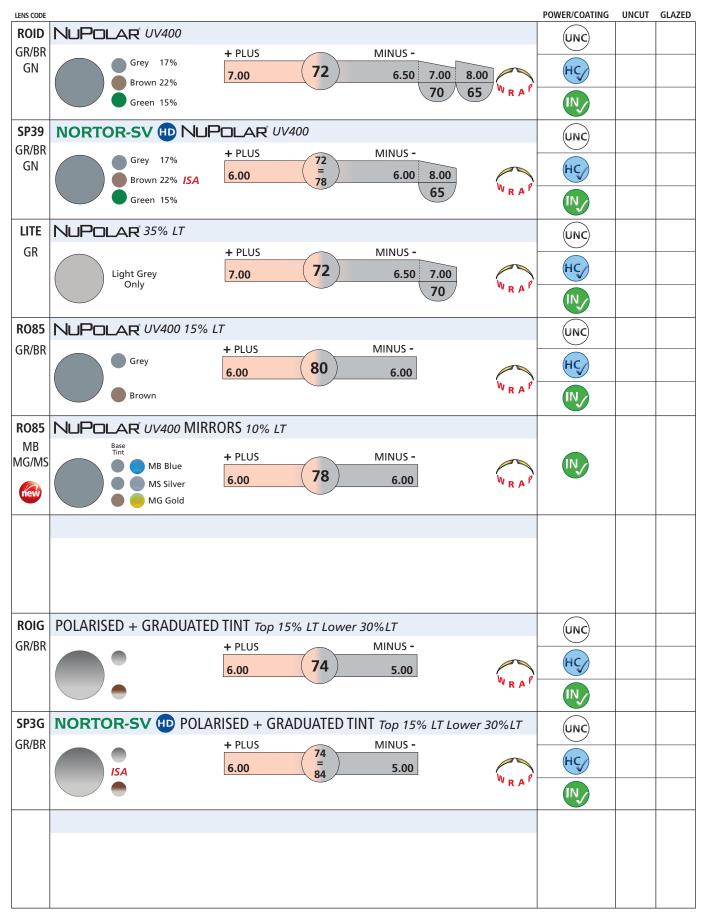


Special Note: NLIPOLAR 35% & INFINITE can be overtinted to most darker colours <35% LT e.g. Blue, Dark Pink



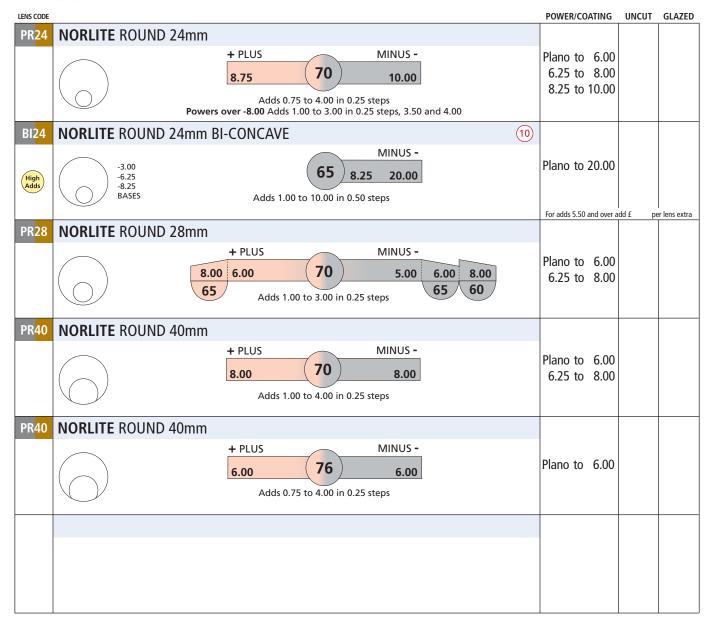
RESIN SINGLE VISION POLARISED



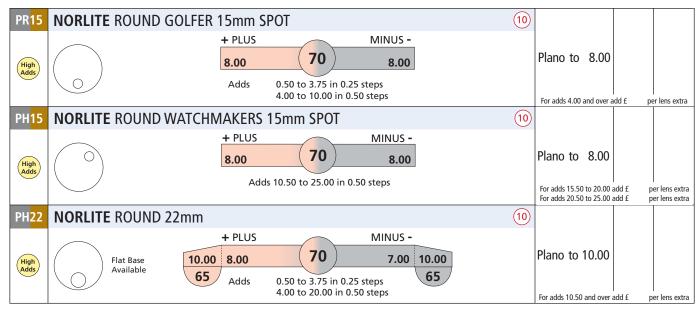




RESIN BIFOCALS



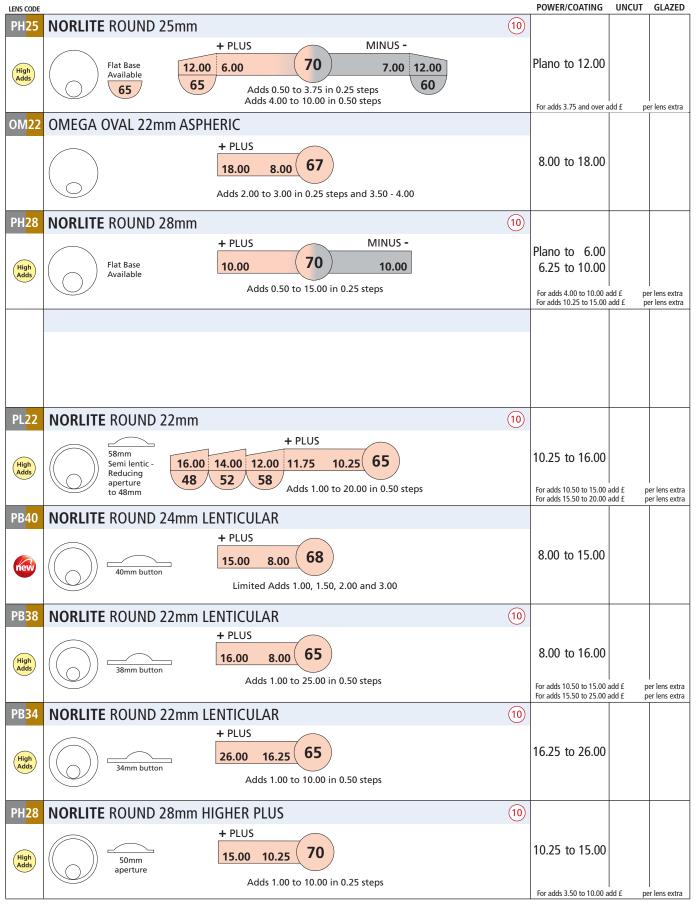
RESIN **SPECIALIST ROUND** BIFOCALS





RESIN **HIGHER POWERS ROUND** BIFOCALS

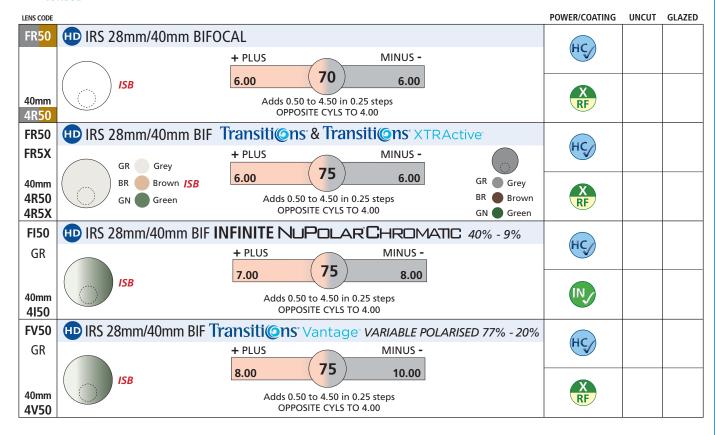




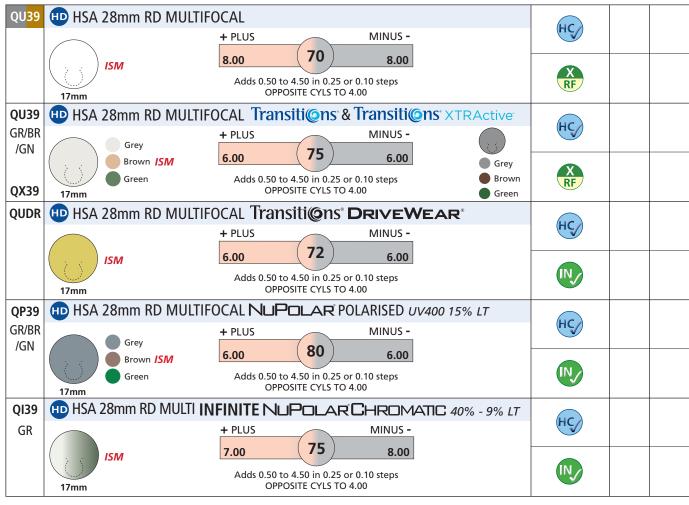
Overcoloured background indicates **Reactolite**® availability quick guide or see separate catalogue







RESIN HD HSA 28mm RD MULTIFOCAL



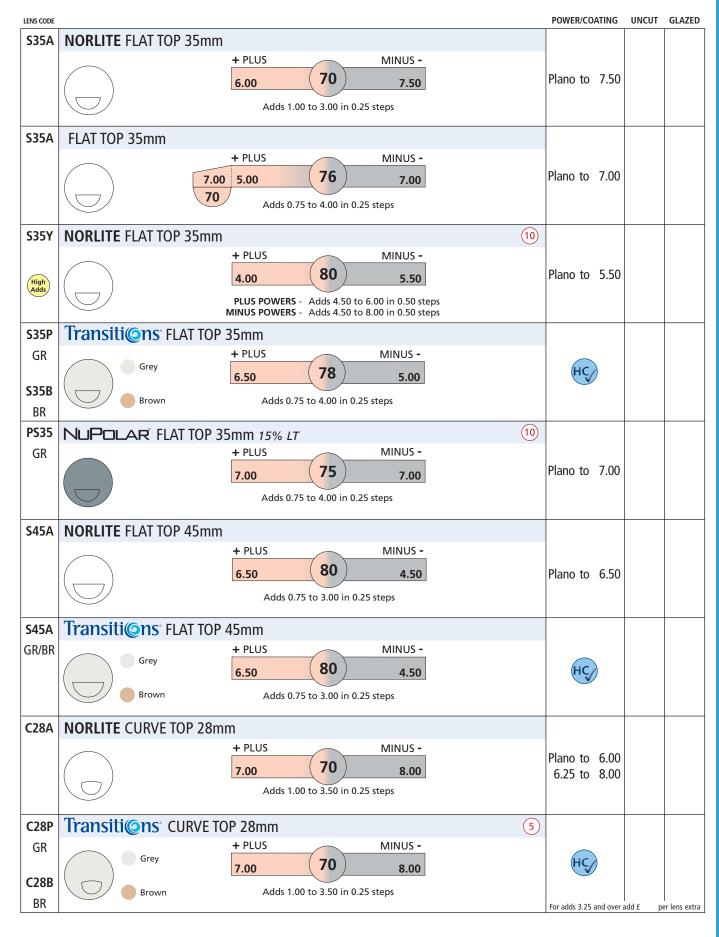
RESIN FLAT TOP BIFOCALS



LENS CODE		POWER/COATING	UNCUT	GLAZED
S28A	NORLITE FLAT TOP 28mm + PLUS 9.00 70 10.00	Plano to 6.00 6.25 to 8.00		
	Adds 0.50 to 4.00 in 0.25 steps	8.25 to 10.00		
S28A	NORLITE FLAT TOP 28mm + PLUS MINUS -	Plano to 6.00		
	7.00 75 8.00 Adds 0.75 to 4.00 in 0.25 steps	6.25 to 8.00		
S28A	NORLITE FLAT TOP 28mm			
	+ PLUS MINUS - 6.00 80 8.00 Adds 0.75 to 4.00 in 0.25 steps	Plano to 8.00		
S28Y	NORLITE FLAT TOP 28mm			
High Adds	+ PLUS MINUS - 4.00 80 5.50 PLUS POWERS - Adds 4.50 to 6.00 in 0.50 steps	Plano to 5.50		
TOOD	MINUS POWERS - Adds 4.50 to 8.00 in 0.50 steps			
T28P GR	Transitions FLAT TOP 28mm + PLUS MINUS -	HC		
	7.00 6.00 (75) 8.00 10.00	Plano to 6.00		
T28B BR	8 Brown Adds 1.00 to 3.00 in 0.25 steps 70	6.25 to 10.00		
T28P	Transitions FLAT TOP 28mm 10			
GR High Adds	+ PLUS MINUS - 6.50 4.50	HC		
T28B BR	Adds 3.50 to 5.00 in 0.50 steps			
S28X	Transitions XTRActive FLAT TOP 28mm 83% - 10% LT			
GR/BR	+ PLUS MINUS - 7.00 76 8.00	HC		
	Adds 1.00 to 3.00 in 0.25 steps			
PODS	NUPOLAR FLAT TOP 28mm 15% LT			
GR/BR	+ PLUS MINUS - 7.00 76 6.75 8.00 Adds 0.75 to 4.00 in 0.25 steps 70	Plano to 8.00		
	Brown Adds 0.75 to 4.00 in 0.25 steps			
DR28	Transiti@ns° DRIVEWEAR° FLAT TOP 28mm 35% - 22% - 12% LT + PLUS MINUS -	HC		
	6.00 74 7.50 Adds 1.00 to 3.00 in 0.25 steps	IN		
		1		



RESIN FLAT & CURVE TOP BIFOCALS



RESIN BIFOCALS



LENS CODE		POWER/COATING	UNCUT	GLAZED
PEX	NORLITE "E" STYLE 68mm			
T N/A	+ PLUS MINUS - 4.00 68 7.00 Adds 1.00 to 3.00 in 0.25 steps	Plano to 7.00		
PEXL	NORLITE "E" STYLE 78mm			
T N/A	+ PLUS MINUS - 4.00 78 5.00 Adds 0.75 to 3.00 in 0.25 steps	HC		

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

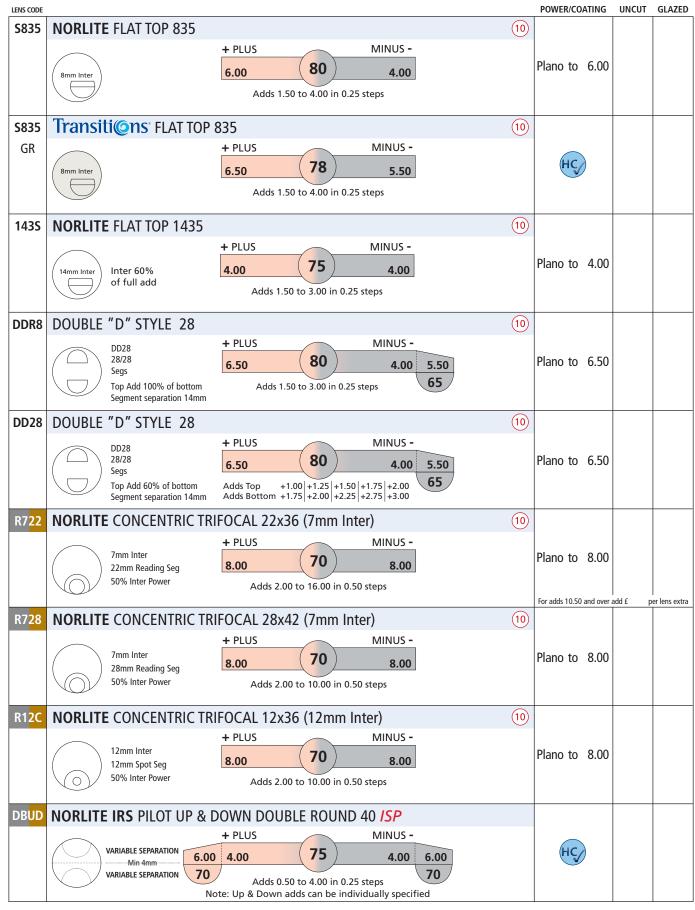
RESIN TRIFOCALS

S728	NORLITE FLAT TOP 728	+ PLUS MINUS -		
	7mm Inter	8.00 (70) 8.00	Plano to 8.00	
		Adds 1.50 to 3.50 in 0.25 steps and 4.00		
S728	NORLITE FLAT TOP 728	10		
		+ PLUS MINUS -	Plano to 6.00	
	7mm Inter	6.00 5.50 Adds 1.50 to 4.00 in 0.25 steps	Traine to Gree	
DEDI	"F" CTV F TRIFOCAL	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
PTRI	"E" STYLE TRIFOCAL			
	Distance	+ PLUS MINUS -	Plano to 4.00	
T N/A	Intermediate Reading 7mm Inter	4.00 4.00 Adds 1.75 to 3.00 in 0.25 steps		
S72T	Transiti@ns & Transiti	©ns' XTRActive FLAT TOP 728		
GR/BR	Grey	+ PLUS MINUS -	l (uc	
S72X	7mm Inter	6.50 76 5.50 7mm Inter	HC	
GR	Brown	Adds 1.50 to 4.00 in 0.25 steps		
P728	NUPOLAR FLAT TOP 7	28 15% LT (10)		
GR		+ PLUS MINUS -		
	7mm Inter	6.50 (75) 5.50	Plano to 6.00	
		Adds 1.50 to 4.00 in 0.25 steps		
L				



RESIN TRIFOCALS

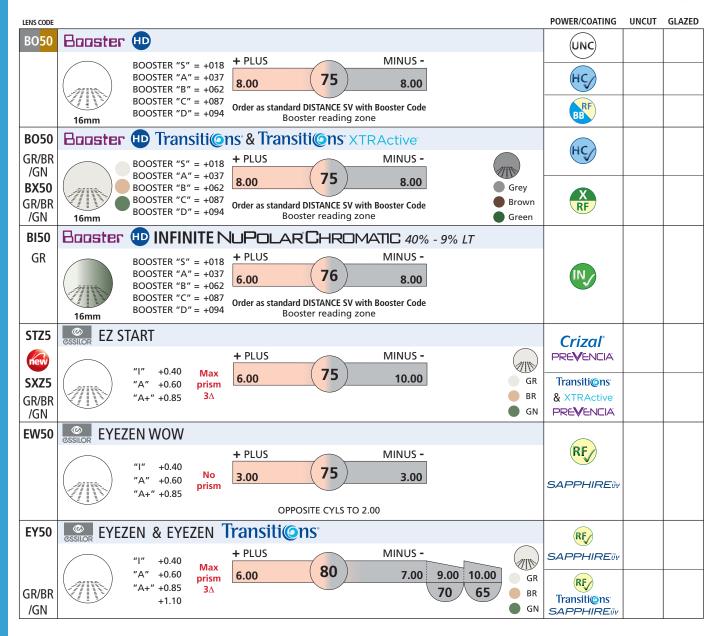




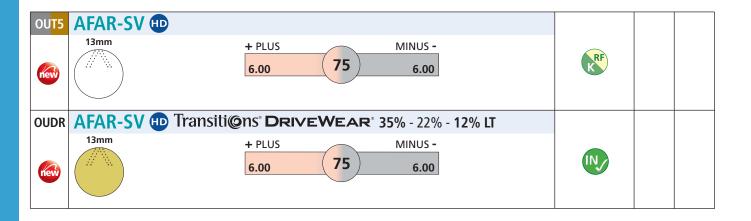
Overcoloured background indicates **Reactolite**® availability quick guide or see separate catalogue

RESIN HD ENHANCED NEAR



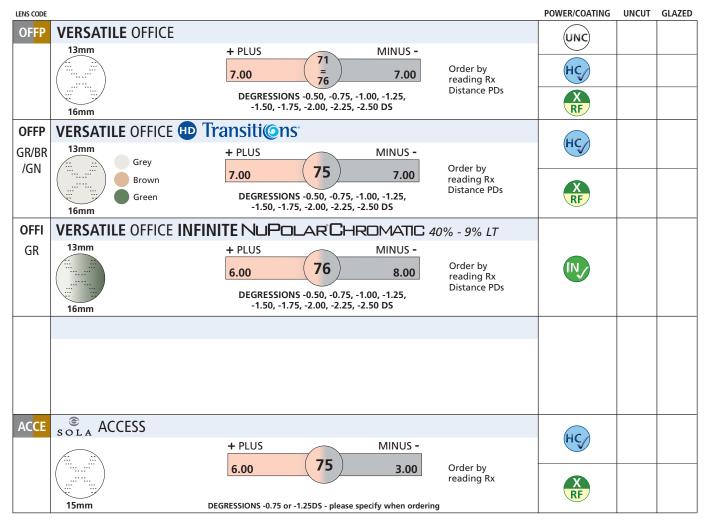


RESIN HD DISTANCE MYOPIA ZONE

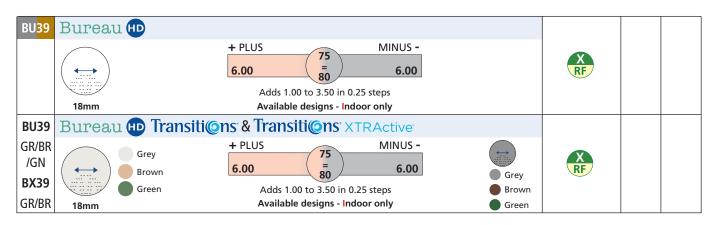


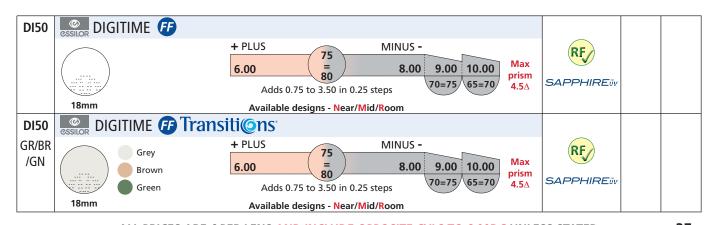


RESIN **DEGRESSIVES** (ENHANCED NEAR VISION)



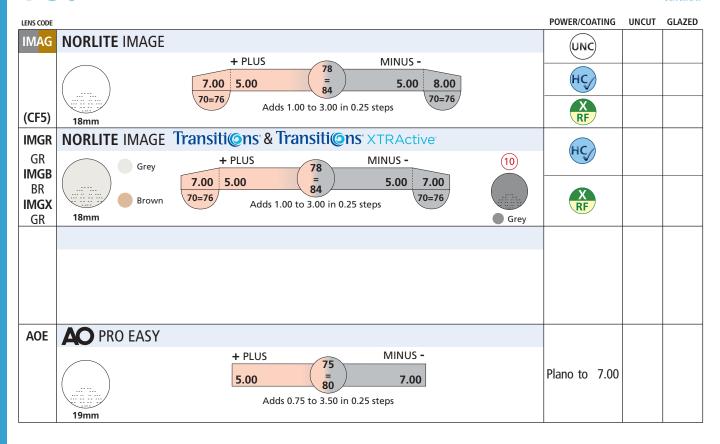
RESIN OCCUPATIONAL PROGRESSIVES



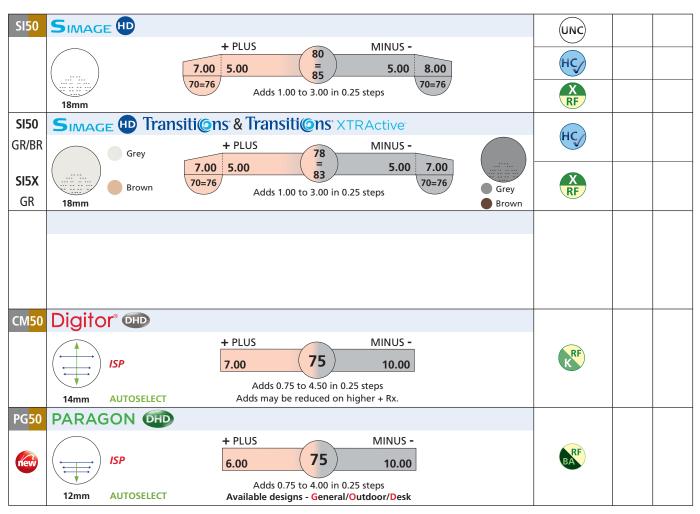


RESIN PROGRESSIVES





RESIN HD PROGRESSIVES





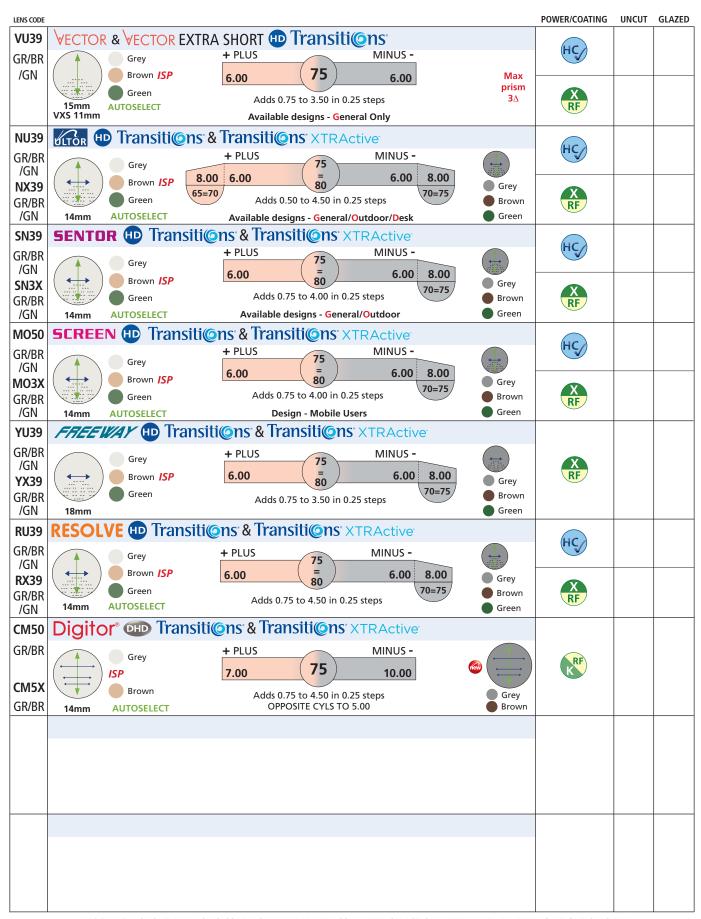
LENS CODE				POWER/COATING	UNCUT	GLAZED
VU <mark>39</mark>	VECTOR	& VECTOR EXTRA		UNC		
T20%		ISP	+ PLUS MINUS - 6.00 75 6.00 Max prism Adds 0.75 to 3.50 in 0.25 steps 3Δ	HC		
	15mm VXS 11mm	AUTOSELECT	Adds 0.75 to 3.50 in 0.25 steps Available designs - General only	X		
NU <mark>39</mark>	ULTOR HI			(UNC)		
		ISP	+ PLUS MINUS - 8.00 8.00 Adds 0.50 to 4.50 is 0.35 store	HC		
	14mm	AUTOSELECT	Adds 0.50 to 4.50 in 0.25 steps Available designs - General/Outdoor/Desk	RF		
SN <mark>39</mark>	SENTO	R HD		(UNC)		
		ISP	+ PLUS MINUS - 8.00	HC		
	14mm	AUTOSELECT	Adds 0.75 to 4.00 in 0.25 steps Available designs - General/Outdoor	X RF		
MO50			Available designs - deneral/Outdoor			
		ISP	+ PLUS MINUS -	HC		
	14mm	AUTOSELECT	Adds 0.75 to 4.00 in 0.25 steps Design - Mobile Users	X RF		
YW39		VAY HD	g.			
	18mm	ISP	+ PLUS MINUS - 6.00	X		
OS <mark>T5</mark>	AFAR HD	DISTANCE MYOP				
new	18mm	ISP	+ PLUS MINUS - 6.00 75 6.00 Adds 0.50 to 4.50 in 0.25 steps	RF		
RU <mark>39</mark>	RESOL	VE IID		(UNC)		
		ISP	+ PLUS MINUS - 6.00 6.00	HC		
	14mm	AUTOSELECT	Adds 0.75 to 4.50 in 0.25 steps	X		
MU <mark>50</mark>		PAL HD		(UNC)		
new		ISP	+ PLUS MINUS - 6.00	HC		
	18mm		Adds 0.75 to 3.50 in 0.25 steps	X		

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

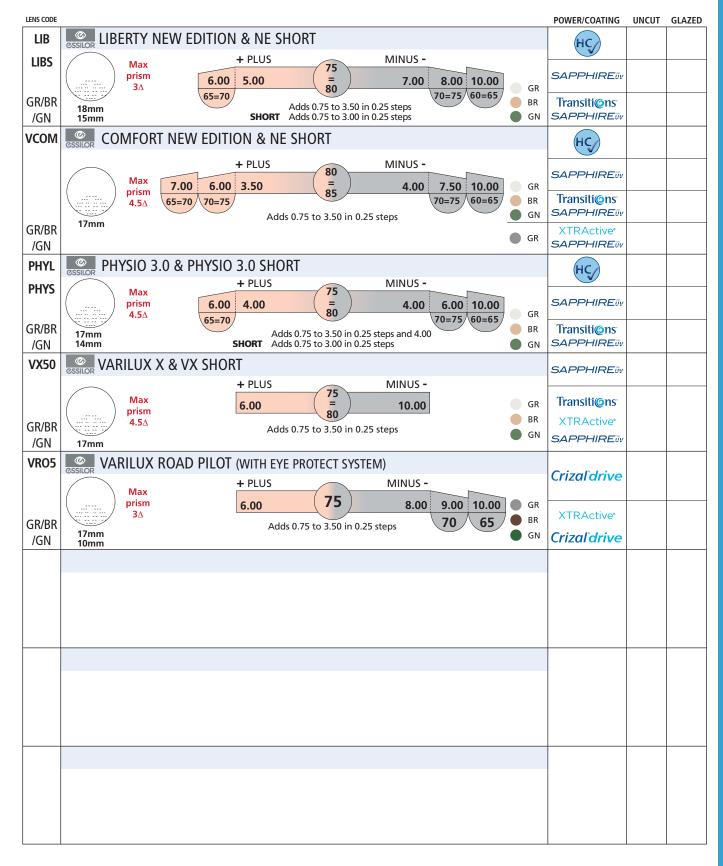




AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

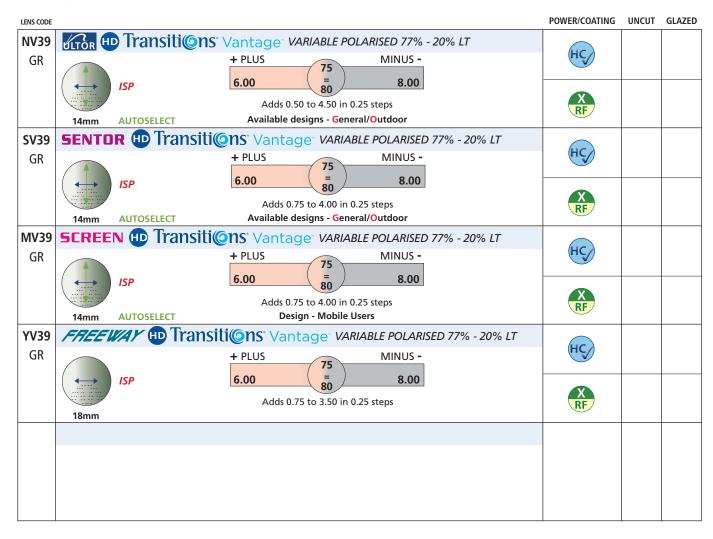
Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.



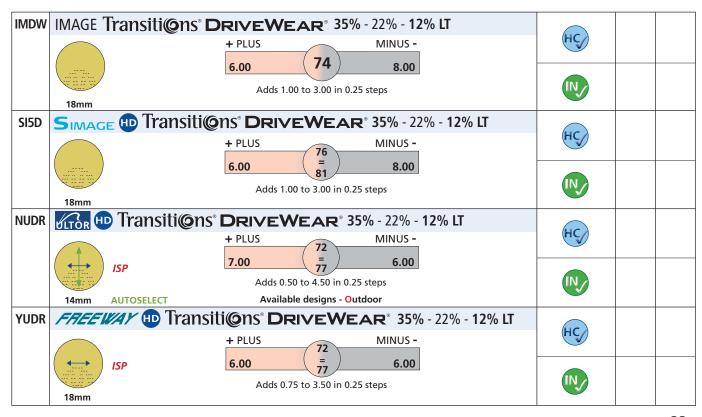








RESIN PROGRESSIVES **DRIVEWEAR**®



1.50

RESIN PROGRESSIVES **DRIVEWEAR**



LENS CODE				POWER/COATING	UNCUT	GLAZED
RUDR	RESOLVE Transitions DriveWear 35% - 22% - 12% LT			HC		
			+ PLUS MINUS -			
		ISP	6.00 = 6.00	IN		
	14mm	AUTOSELECT	Adds 0.75 to 4.50 in 0.25 steps			
OSDR	AFAR	Transiti@ns [®]				
new	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

VECTOR & VECTOR EXTRA SHORT (10) INFINITE NUPOLAR CHROMATIC							
15mm	<i>ISP</i> AUTOSELECT	+ PLUS MINUS - 6.00 76 8.00 Adds 0.75 to 4.50 in 0.25 steps	IN				
14mm	ISP AUTOSELECT	+ PLUS MINUS - 6.00 76 8.00 Adds 0.50 to 4.50 in 0.25 steps Available designs - General/Outdoor					
14mm	ISP AUTOSELECT	+ PLUS MINUS - 6.00 76 8.00 Adds 0.75 to 4.00 in 0.25 steps Available designs - General/Outdoor					
SCREEN (ID INFINITE NUPOLAR CHROMATIC 40% - 9% LT							
14mm	ISP	+ PLUS MINUS - 6.00 76 8.00 Adds 0.75 to 4.00 in 0.25 steps Design - Mobile Users	IN				
18mm	ISP	+ PLUS MINUS - 6.00 76 8.00 Adds 0.75 to 3.50 in 0.25 steps					
	15mm VXS 11mm VXS 11mm FREE 1	ISP 15mm AUTOSELECT VXS 11mm ISP 14mm AUTOSELECT SENTOR HD INFINITE ISP 14mm AUTOSELECT SCREEN HD INFINITE ISP 14mm AUTOSELECT ISP 14mm AUTOSELECT FREEWAY HD INFINITE	15PM AUTOSELECT Adds 0.75 to 4.50 in 0.25 steps				

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

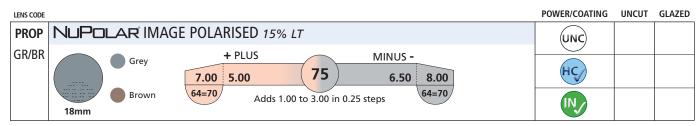
Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

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 130.

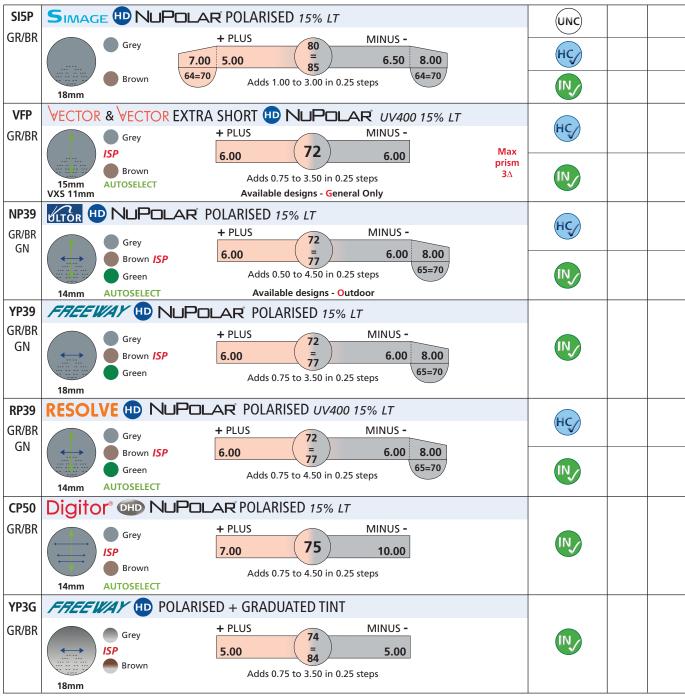


RESIN POLARISED PROGRESSIVES





RESIN 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.

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 130.



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)		Plano to 6.00		
Adds		Adds 1.00 to 6.00 in 0.25 steps OPPOSITE CYLS TO 4.00				
UP <mark>50</mark>	PILOTOR RD 40 - LO	WER PROGRESSIVE <i>ISP</i>				
	State pupil height at	+ PLUS MINUS -				
	fitting cross along with the separation.	6.00 (75)	(Specify both top and	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)			
DOFO	14mm					
D050	PILOTOR RD 40 - UF	PPER PROGRESSIVE ISP + PLUS MINUS -				
	State pupil height at fitting cross along with	75		Plano to 6.00		
	the separation. Minimum separation 8mm	0.00	(Specify both top and bottom additions)			
	Minimum frame depth 32mm	Adds 0.75 to 3.50 in 0.25 steps OPPOSITE CYLS TO 4.00				
UPES	PILOTOR E - LOWER	PROGRESSIVE <i>ISP</i>				
	State pupil height at	+ PLUS MINUS -				
	fitting cross along with the separation.	4.00 (75) 5.00	(Specify both top and	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	bottom additions)			
	14mm	OPPOSITE CYLS TO 4.00				
DPES	PILOTOR EU - UPPEI					
	State pupil height at fitting cross along with	+ PLUS MINUS -		Plano to 6.00		
	the separation. Minimum separation 8mm	4.00	(Specify both top and bottom additions)	FIGITO 10 0.00		
	Minimum frame depth 32mm	BOTTOM Adds 0.75 to 3.50 in 0.25 steps TOP Adds 0.75 to 3.00 in 0.25 steps				
UPD		OPPOSITE CYLS TO 4.00 & DOWN PROGRESSIVE <i>ISP</i>				
	OLION TIOTO FILOTON OF	+ PLUS MINUS -				
	Minimum separation 8mm	6.00 (75)	(Specify both top and	Plano to 6.00		
	Minimum frame depth 36mm	Adds 0.75 to 3.50 in 0.25 steps	bottom additions)			
	14mm	OPPOSITE CYLS TO 4.00				
USLA	SLAB-ON BI-PRISM /	ÇΡ	(10)			
OJLA		+ PLUS MINUS -	10			
	VERTICAL Prism to 6 [∆] on ISP	6.00	Prism in	Plano to 6.00		
	VERTICAL	75	1 ^Δ steps			
	Prism to 10 [∆] in lower	Adds 0.75 to 3.50 in 0.25 steps OPPOSITE CYLS TO 4.00				
		For other bespoke lens design options	David 120			

For other bespoke lens design options see Page 130









TRIVEX LENSES 1.53 INDEX

TRIVEX

Reactolite®

Transiti@ns*

Transitions XTRActive

Transitions Vantage

Transiti@ns[®] **DRIVEWEAR**[®]



1.53

Index

45

Abbe

1.11g/cm³

Density

400nm

UV

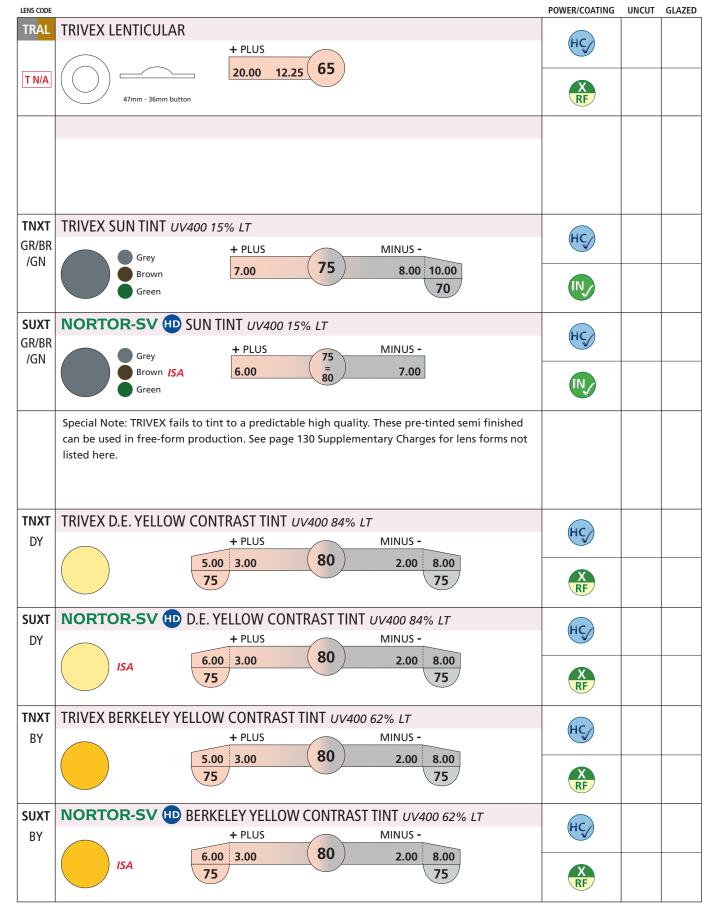




LENS CODE		POWER/COATING	UNCUT	GLAZED
TRSS	TRIVEX + PLUS MINUS -	HC	*	
T N/A	60 MINUS - 70 8.00 OPPOSITE CYLS TO 2.00	RF	*	
TRSS	TRIVEX SUPER MINI		*	
T N/A	+ PLUS 6.00 1.00 50 OPPOSITE CYLS TO 2.00	RF	*	
TRIX	TRIVEX ASPHERIC			
T N/A	+ PLUS MINUS - 7.00 OPPOSITE CYLS TO 2.00	RF	*	
T N/A	TRIVEX	HC		
I N/A		RF		
TRIS	TRIVEX	HC		
T N/A	+ PLUS MINUS - 7.50 76 8.00	X		
TRIS	TRIVEX			
T N/A	+ PLUS MINUS - 6.00 80 2.00	HC)		
TRIS	TRIVEX HIGH PLUS			
T N/A	+ PLUS 12.00 8.25 65	X RF		
TDUC	TDIVEY ACRUERIC			
TRUS	+ PLUS MINUS -	HC		
T N/A		X		
SU <mark>53</mark>	NORTOR-SV ID TRIVEX + PLUS MINUS -	HC		
T N/A	7.50 76 8.00	X		
SU <mark>53</mark>	NORTOR-SV (11) TRIVEX			
T N/A	+ PLUS MINUS - 8.00 3.00	HC		
	WRAP	X		







* SPORTOR WRAP OPTIONS SEE PAGES 42 and 52





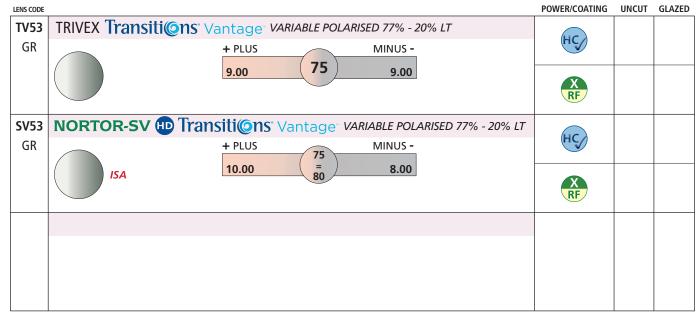


LENS CODE		POWER/COATING	UNCUT	GLAZED
TRIS	TRIVEX Transitions	(IIC)		
GR/BR	+ PLUS MINUS -	HC		
	7.00 (76) 10.00			
	Brown	X RF		
TRIS	TRIVEX Transitions 10			
GR/BR	+ PLUS MINUS -	HC		
	Grey 80 2.00			
	Brown	X RF		
	TOWER ACCUSED C. Transactive Const.			
TTIS	TRIVEX ASPHERIC Transitions	HC		
GR/BR	+ PLUS MINUS -			
	6.00 5.00 /5) 11.00	X		
	Brown 70	X		
SU53	NORTOR-SV TRIVEX Transitions			
GR/BR	+ PLUS MINUS -	HC		
	Grey 76 200	_		
	ISA 7.00 8.00	X RF		
SU53	NORTOR-SV ID TRIVEX Transitions 10	(UC)		
GR/BR	+ PLUS MINUS -	HC		
	(SA 8.00 80 3.00			
	Brown	X		
TXIS	TRIVEX Transitions XTRActive 83% - 10% LT			
GR/BR	+ PLUS MINUS -	HC		
	7.00 (76) 10.00			
	Brown	X RF		
SX53	NORTOR-SV (ID) TRIVEX Transitions XTRActive 83% - 10% LT	HC		
GR/BR	+ PLUS MINUS -			
	7.00 (76) 8.00			
	Brown	RF		

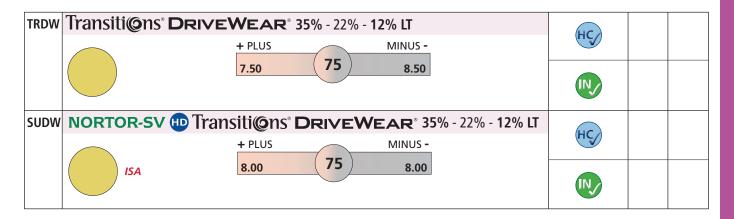
^{*} SPORTOR WRAP OPTIONS SEE PAGES 42 and 52



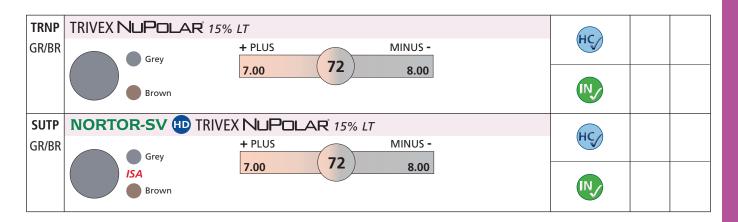




TRIVEX Transitions DRIVEWEAR



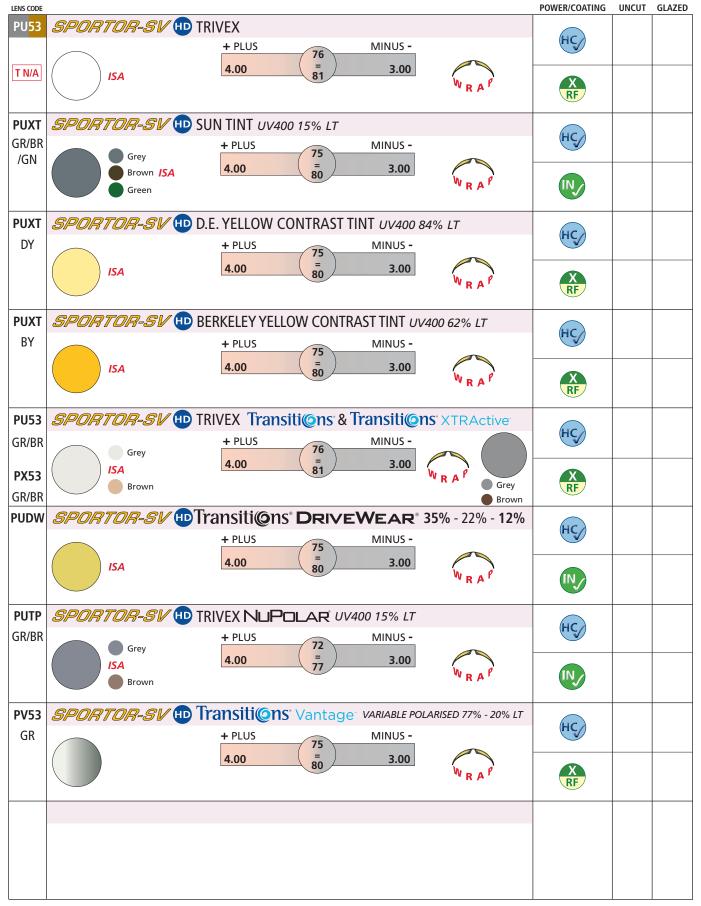
TRIVEX* SINGLE VISION POLARISED











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 130.

^{*} 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 - 7 00 76 10 00	HC		
T N/A	7.00 /6 10.00 Adds 1.00 to 3.50 in 0.25 steps	X RF		
TR28	TRIVEX FLAT TOP 28 Transitions			
GR/BR	+ PLUS MINUS - 7.00 76 8.00	HC		
	Brown Adds 1.00 to 3.50 in 0.25 steps	X		
TR35	TRIVEX FLAT TOP 35	HC)		
	+ PLUS MINUS - 7.00 76 8.00	HC		
T N/A	Adds 1.00 to 3.50 in 0.25 steps and 4.00	X		
TR35	TRIVEX Transitions FLAT TOP 35	415		
GR	+ PLUS MINUS - 7.00 74 8.00	HC		
	Adds 1.00 to 3.50 in 0.25 steps	X		

TRIVEX TRIFOCALS

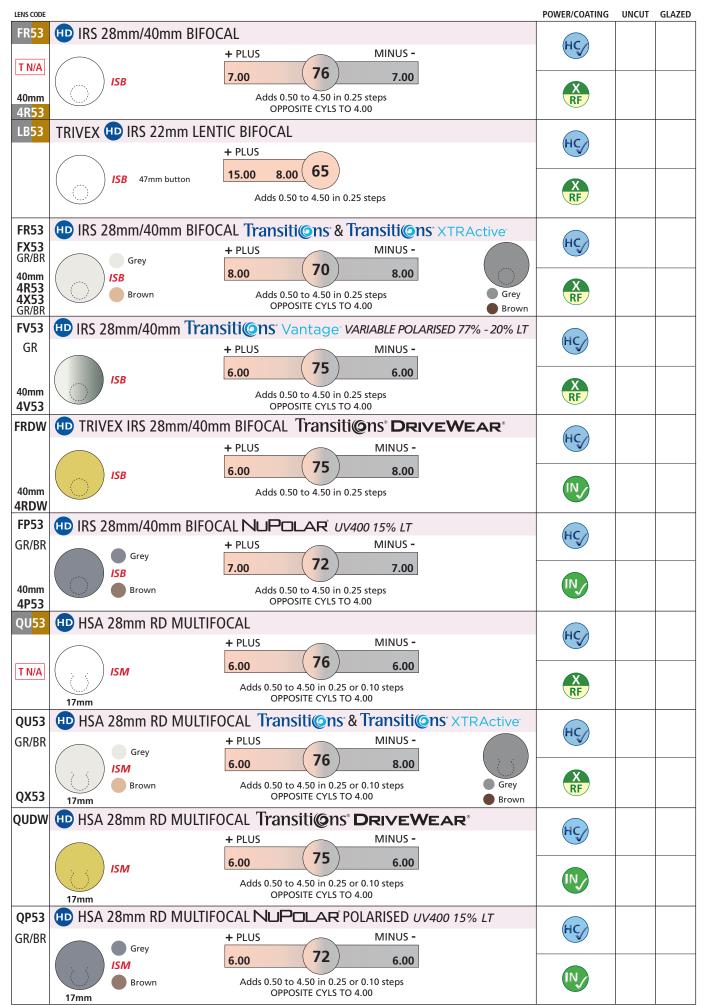




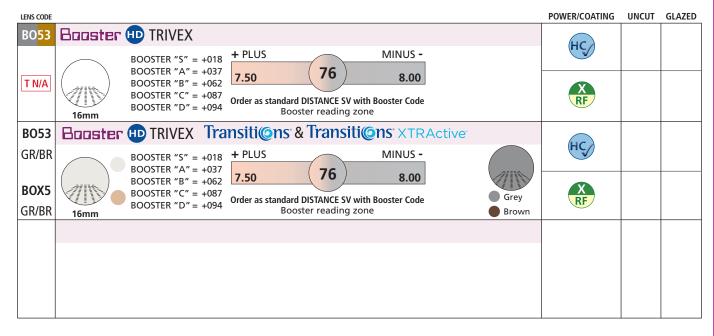


IRS BIFOCALS & HSA 28mm RD MULTIFOCALS

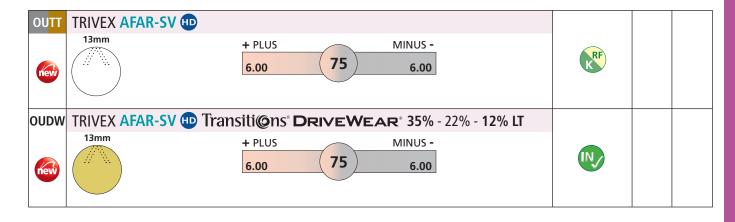




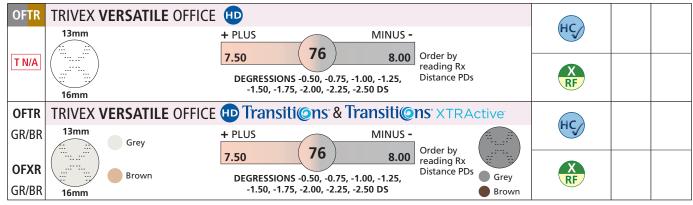




TRIVEX* HD DISTANCE MYOPIA ZONE



TRIVEX DEGRESSIVES (ENHANCED NEAR VISION)

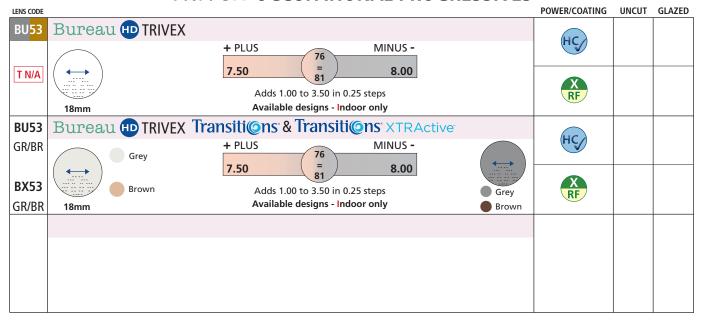


Overcoloured background indicates **Reactolite**® availability quick guide or see separate catalogue





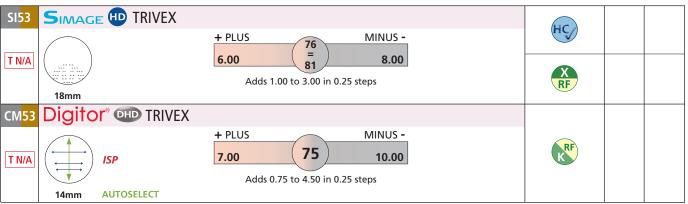




TRIVEX* PROGRESSIVES



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.

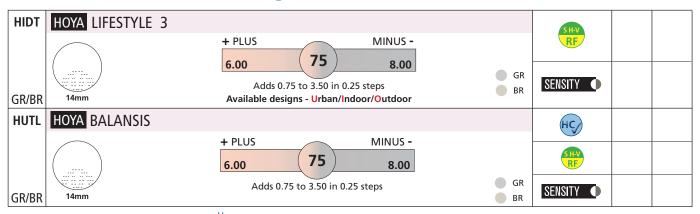
Overcoloured background indicates **Reactolite**® availability quick guide or see separate catalogue







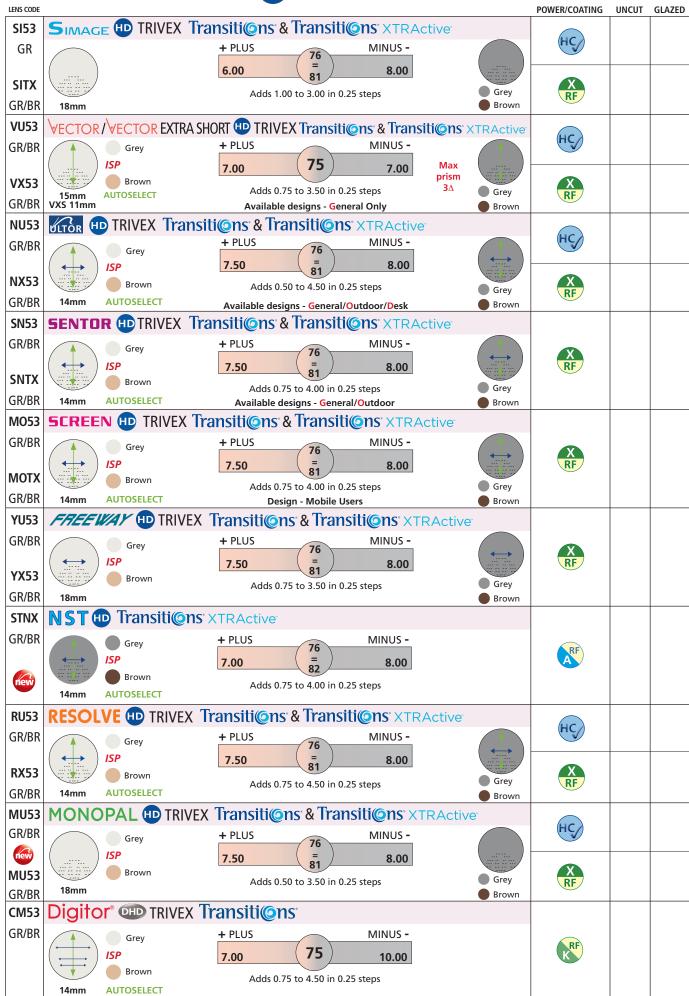
FP PROGRESSIVES



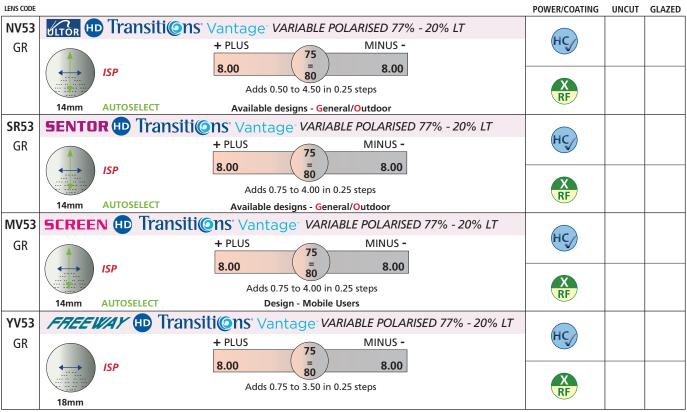
TRIVEX* Transitions PROGRESSIVES



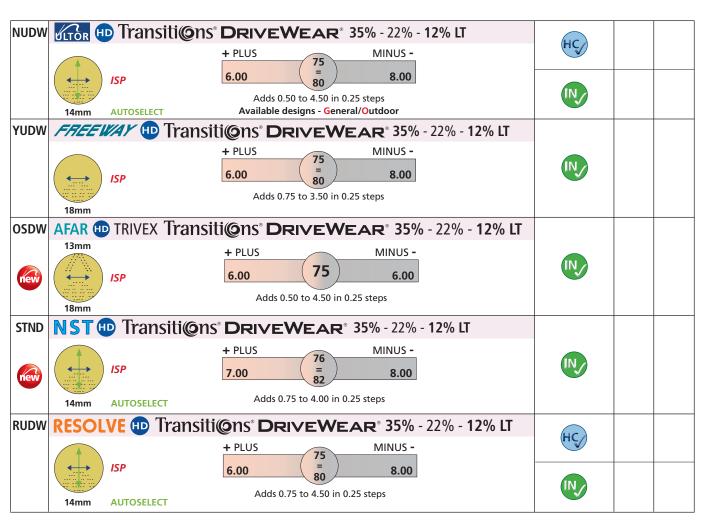








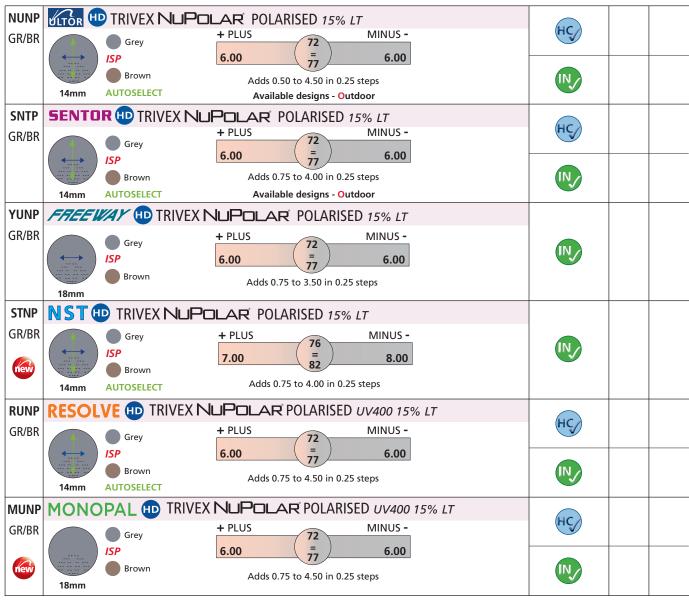
TRIVEX* Transitions DRIVEWEAR*





LENS CODE		POWER/COATING	UNCUT	GLAZED
MUDW	MONOPAL ID Transitions DRIVEWEAR 35% - 22% - 12% LT	(UC)		
	+ PLUS MINUS -	HC		
new	ISP = 8.00			
	Adds 0.50 to 3.50 in 0.25 steps 18mm			

TRIVEX NUPOLAR TROGRESSIVES

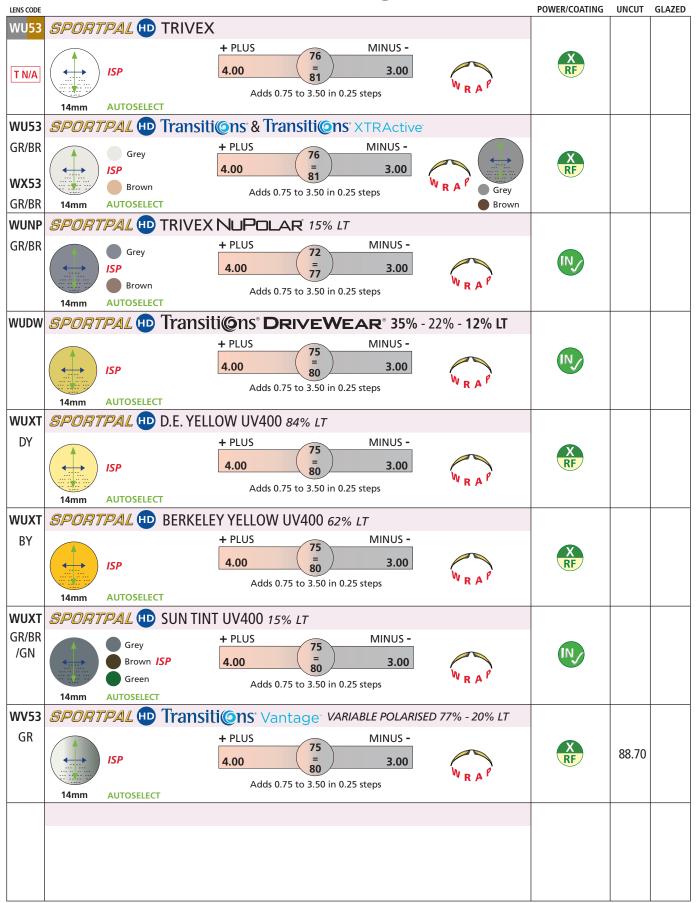


AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

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







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.

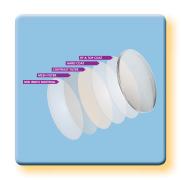
The **SPORTPAL** Rx range is confirmed on +8.00 Base lens wraps. Should +6.00 base be sufficiently curved this will then have the effect of **reducing** the available plus range by 2.00D but **increasing** the minus availability by a further 2.00D.

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 130.









RESIN LENSES 1.56 INDEX 1.58 INDEX

VISTA-MESH

V-M Reactolite

UV BLOCKING

BLUTECH BT66 FILTER BLUTECH BT70 FILTER

1.56

Index

38

Abbe

1.28g/cm³

Density

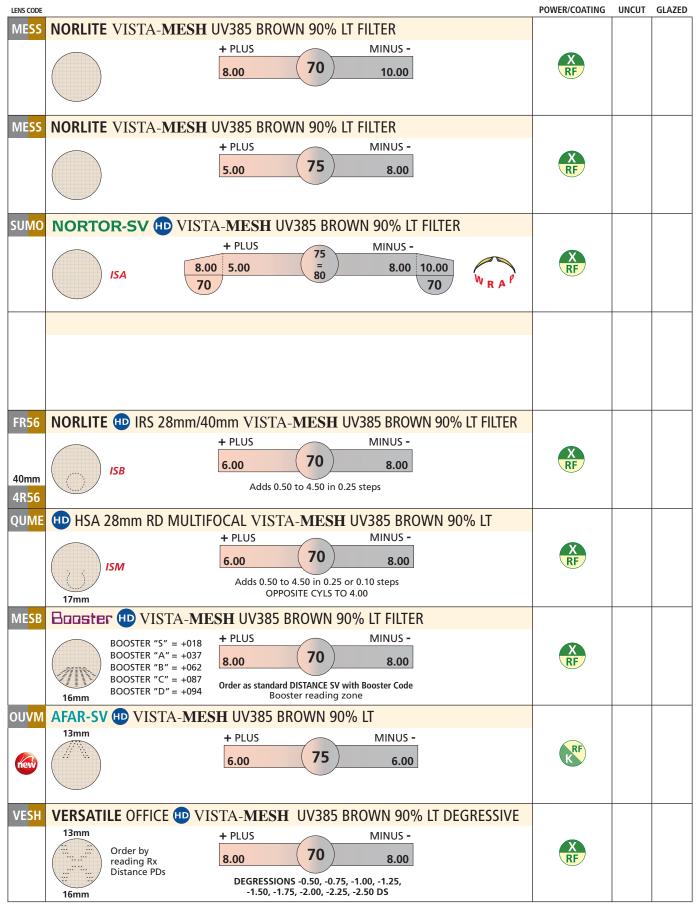
385nm

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	\(\frac{101111111}{1011}	+ PLUS MINUS -			
			70	X		
	(←→)	ISP	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	! & VECTOR EXTRA	A SHORT HD VISTA-MESH UV385 BROWN 90% LT			
			+ PLUS MINUS -			
		ISP	9 00 = 10 00 Max	X		
		131	8.00 = 10.00 Max prism	RF		
	15mm	AUTOSELECT	Adds 0.75 to 3.50 in 0.25 steps 3∆			
	VXS 11mm	AUTOSELECT	Available designs - General only			
NUME	WITOP H	D 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	W W VISTA-NII	ESH UV385 BROWN 90% LT FILTER			
			+ PLUS MINUS -			
		ISP	8.00 = 10.00	RF		
			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 -			
		150	8 00 = 10 00	X DE		
		ISP	75	KF		
	1		Adds 0.75 to 3.50 in 0.25 steps			
	14mm	AUTOSELECT	Design - Mobile Users			
YUME	FREE	VAY 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			
	18mm				<u> </u>	<u></u>
osvm	AFAR (II	VISTA-MESH	UV385 BROWN 90% LT FILTER			
	13mm		+ PLUS MINUS -			
				RF		
new		ISP	6.00 (75) 6.00	K		
			Adds 0.50 to 4.50 in 0.25 steps			
	18mm		Adds 0.50 to 4.50 III 0.25 steps			
RUME	RESOL	VF (ID VICTA N	IESH UV385 BROWN 90% LT FILTER			
ROIVIL	WESOF	VISIA-IV				
			+ PLUS MINUS -	X		
	(***	ISP	8.00 = 10.00	RF		
				_		
	14mm	AUTOSELECT	Adds 0.75 to 4.50 in 0.25 steps			
1				l		

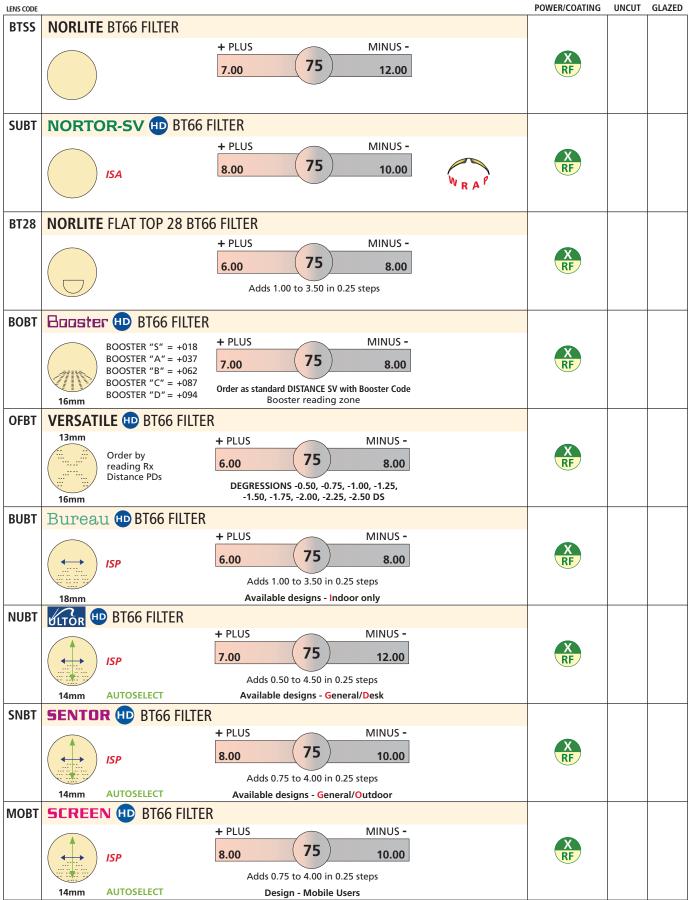
AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

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.

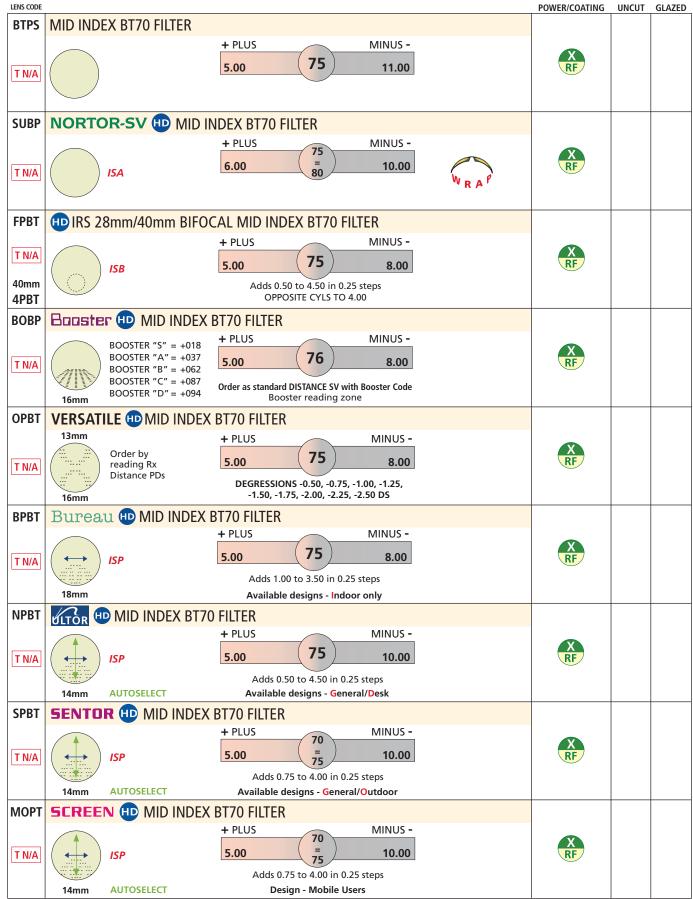
XXL - Need a larger diameter HD Progressive for those oversize Fashion, Sun or Sports frames? You can add 10mm to the effective diameter by stating XXL next to the HD Progressive or HD SV, additional price see page 130.

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 130.









POLYCARB LENSES 1.59 INDEX

POLYCARBONATE

Reactolite®

Transiti@ns[®]

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

Index

31

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			
	OPPOSITE CYLS TO 2.00			
CARP	POLYCARB	T 80% HC		
	+ PLUS MINUS -	1 30 %		
	6.00 65 70 6.00	RF		
CARX	OPPOSITE CYLS TO 2.00			
CARP	POLYCARB			
	+ PLUS	HC	*	
	4.00			
	OPPOSITE CYLS TO 2.00			
POLY	POLYCARB	Plana to C 00		
T20%	+ PLUS MINUS -	Plano to 6.00 6.25 to 10.00		
12070	10.00 8.00 7.00 76 10.00 Also available PUV+			
POLV		Plano to 6.00 6.25 to 10.00		
POLY	POLYCARB			
	+ PLUS	HC		
T20%	6.00 3.00 80			
SU <mark>58</mark>	NORTOR-SV (11) POLYCARB	HC		
T20%	+ PLUS MINUS - Also	X		
120 /6	8.00 7.00 76 10.00 Also available PUV+	1011		
SU <mark>5V</mark>		₩ PUV+		
PU <mark>58</mark>	SPORTOR-SV HD POLYCARB	HC		
T20%	+ PLUS MINUS - Also	X RF		
120 /6	4.00 = 3.00 Also available PUV+	PUV+		
PU5V	10	PUV+		

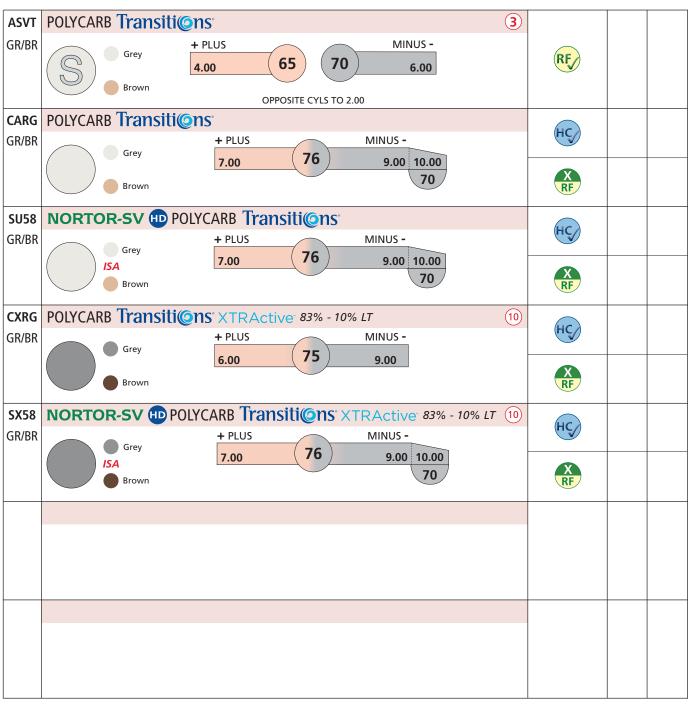
^{*}For exact stock range availability and volume uncut pricing please refer to our NLS Finished Stock Lens Catalogue or see online - www.norville.co.uk

POLYCARBONATE PRE-TINTED



LENS CODE		POWER/COATING	UNCUT	GLAZED
POLT	POLYCARB PRE-TINTED			
GR/BR /GN	Grey 15% Brown 15% Green 15% + PLUS MINUS - 6.00 6.00 6.00	HC		
	Note: These lens blanks can be used for other HD designs - see page 130, add extras to this pricing			

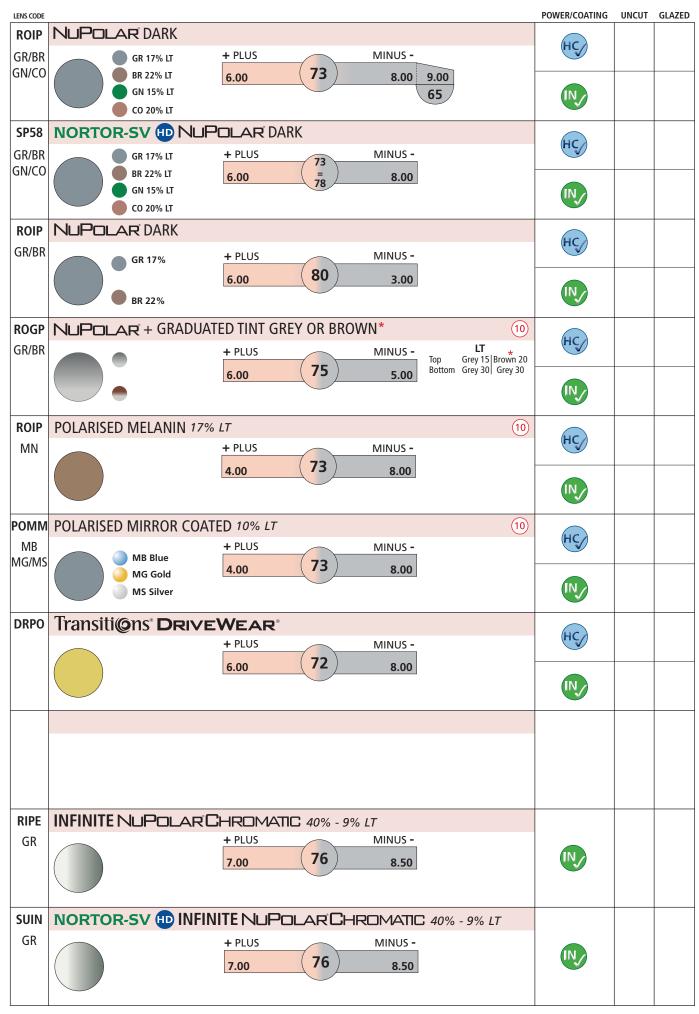
POLYCARB SINGLE VISION Transitions





POLYCARB POLARISED SINGLE VISION

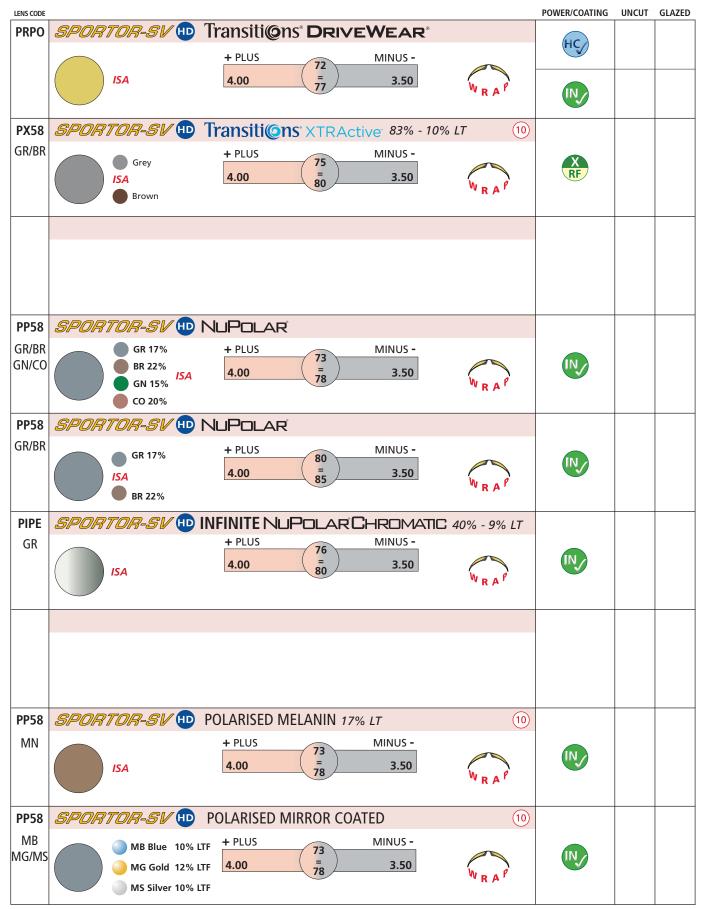






POLYCARB SPORTOR-SV (HD)



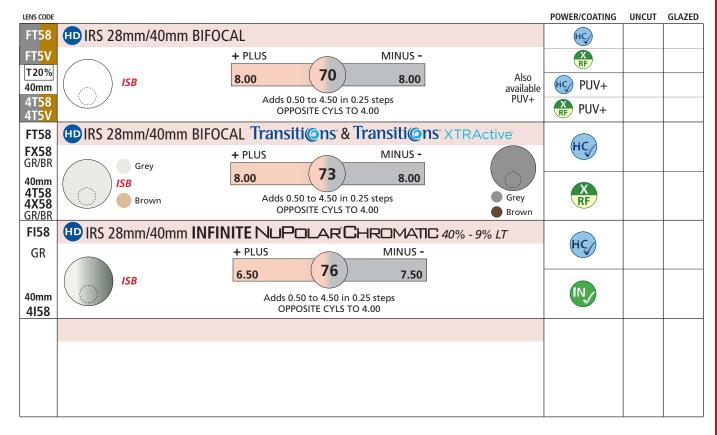


The **SPORTOR** Rx range is confirmed on +8.00 Base lens wraps. Should +6.00 base be sufficiently curved this will then have the effect of **reducing** the available plus range by 2.00D but **increasing** the minus availability by a further 2.00D.

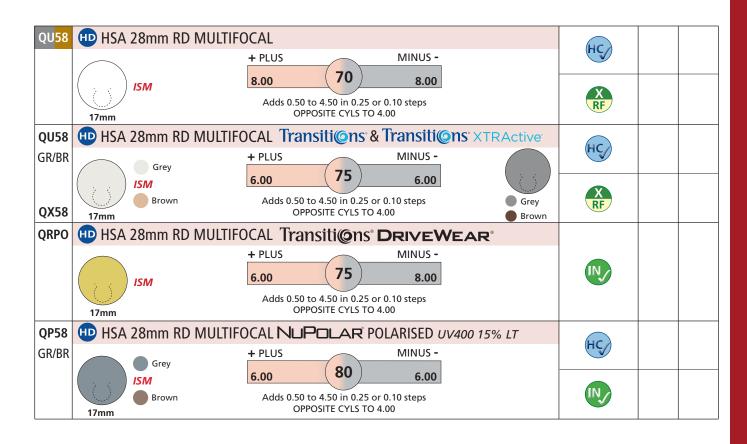
^{*} All SPORTOR lens forms also available as S.E.P. Atoral design central 50mm with free-form edge blend to reduce substance.





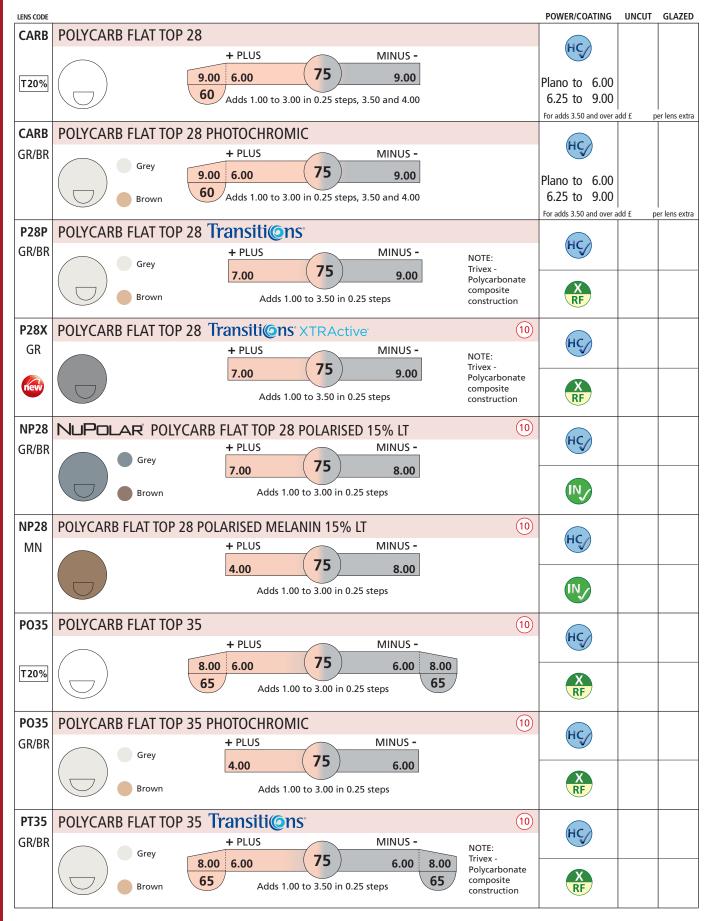


POLYCARB HD HSA 28mm RD MULTIFOCAL



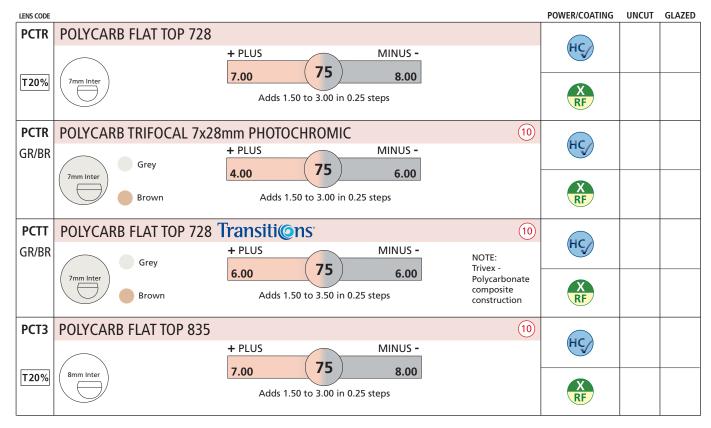
POLYCARB BIFOCALS



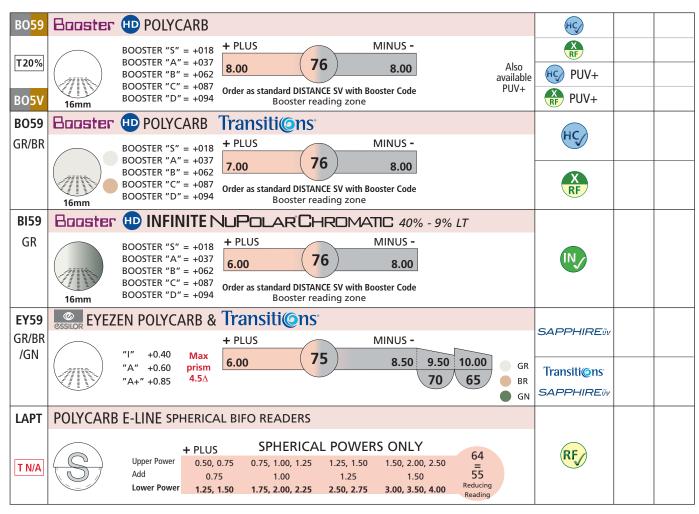




POLYCARB TRIFOCALS

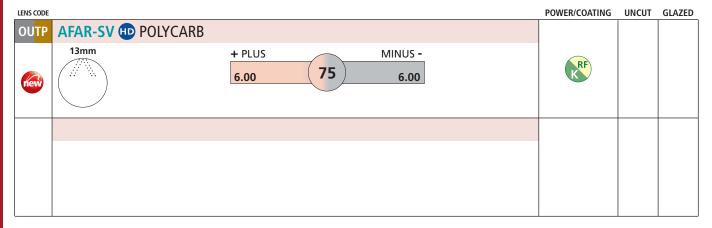


POLYCARB HD ENHANCED NEAR

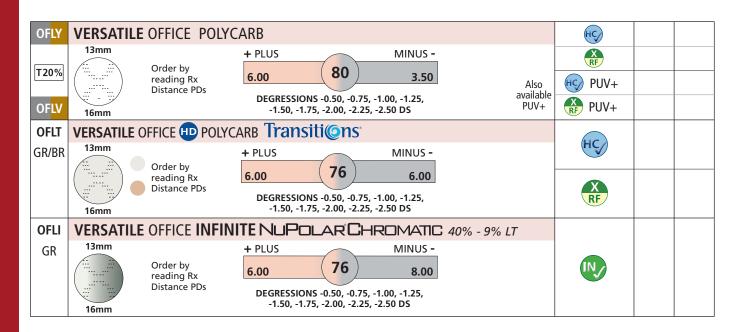




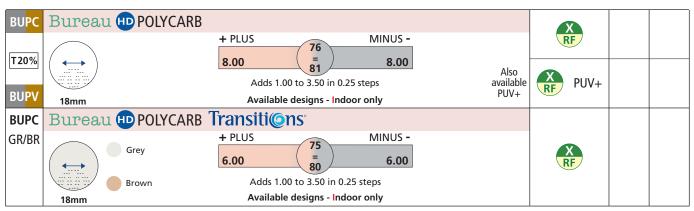




POLYCARB HD DEGRESSIVES



POLYCARB HD OCCUPATIONAL PROGRESSIVES

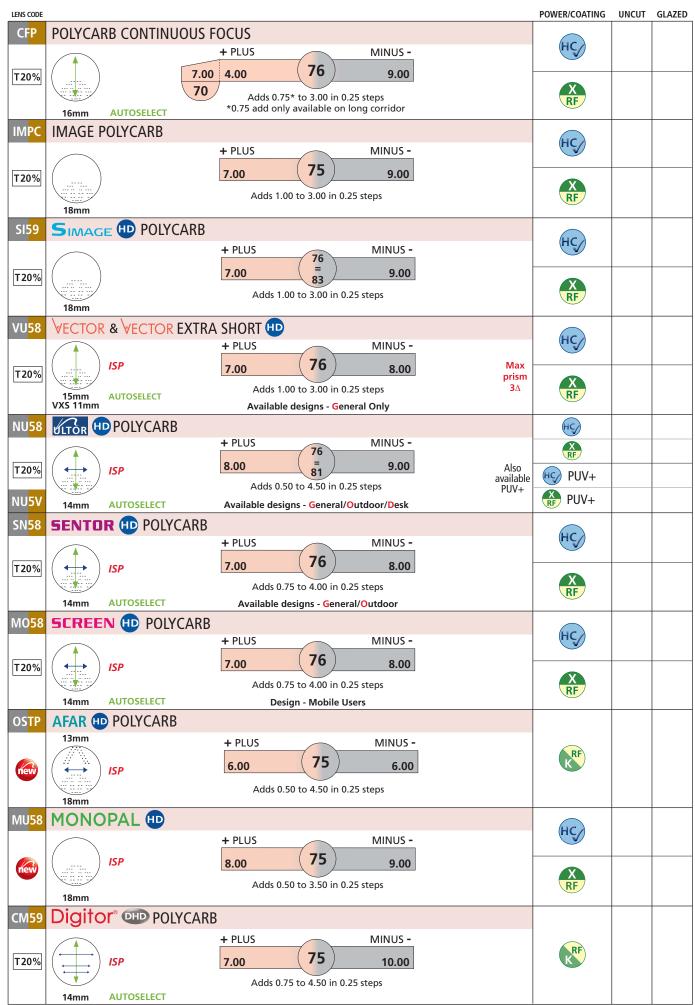


 $\hbox{Overcoloured background } \hbox{indicates } \hbox{\bf Reactolite}^* \hbox{ availability quick guide or see separate catalogue }$



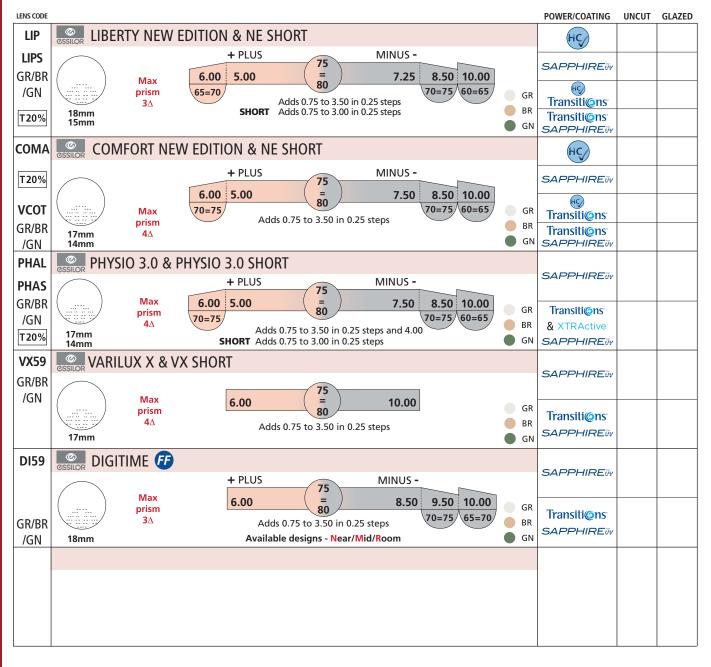
POLYCARB HD PROGRESSIVES



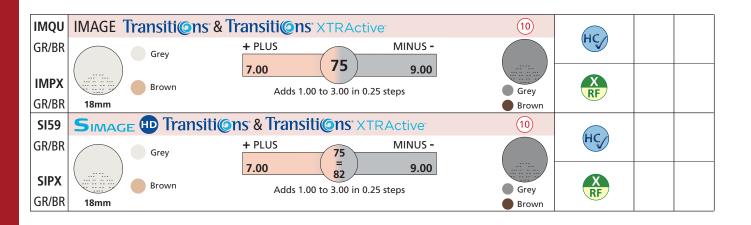


POLYCARB PROGRESSIVES

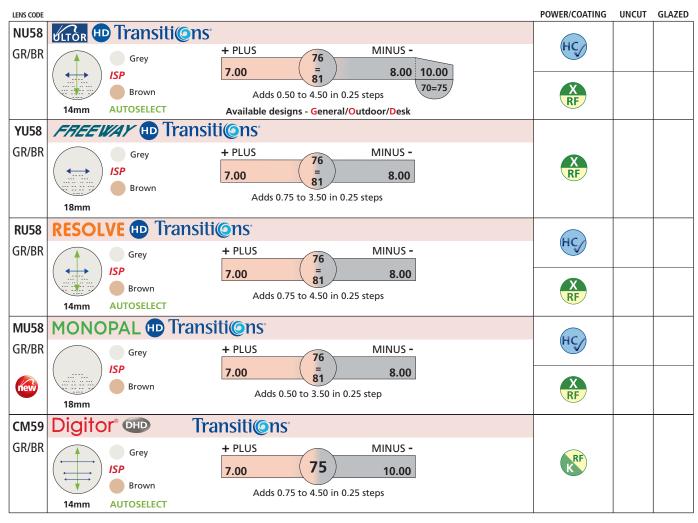




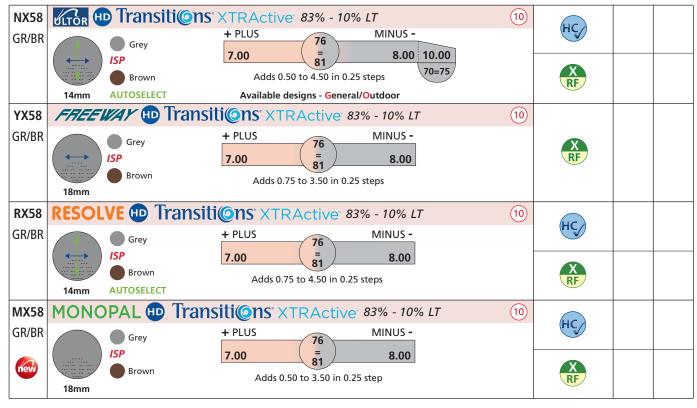
POLYCARB PROGRESSIVES Transitions







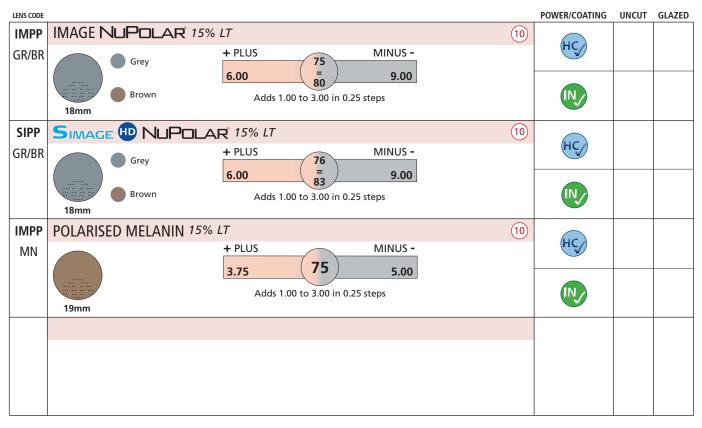
POLYCARB HD PROGRESSIVES Transitions XTRActive



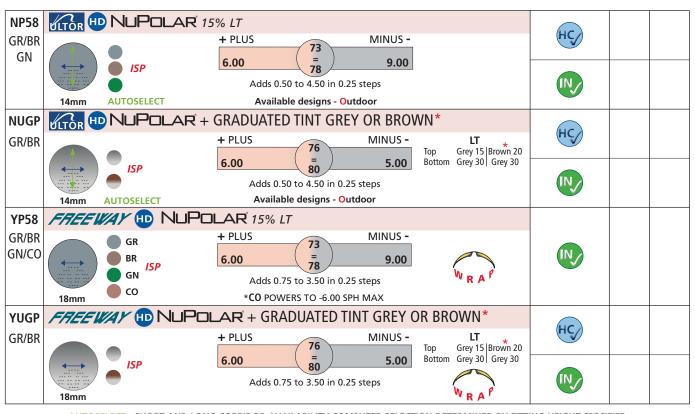


POLYCARB POLARISED PROGRESSIVES





POLYCARB HD POLARISED PROGRESSIVES

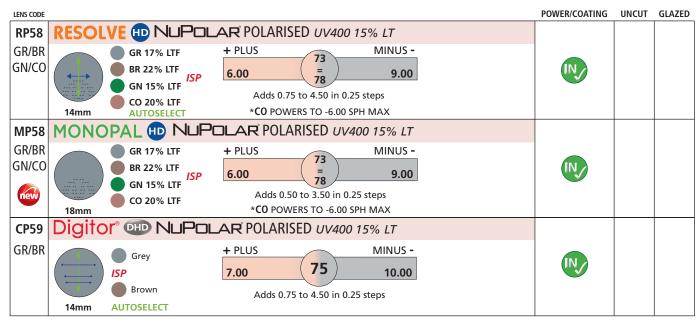


AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

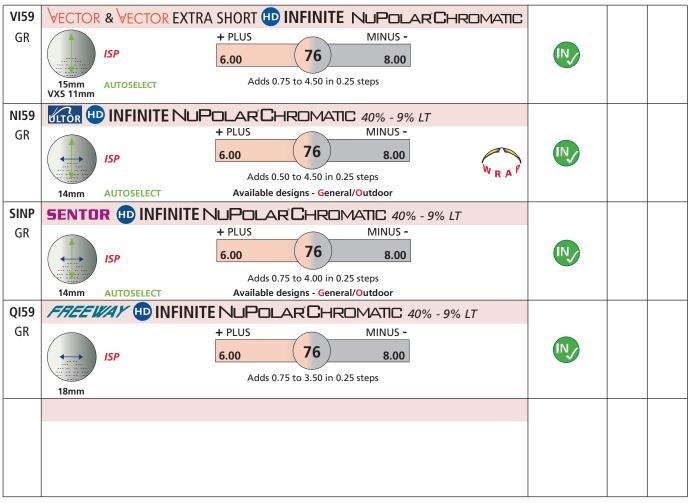
Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

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 130.





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		HC		
	+ PLUS MINUS - 6.00 75 8.00			
	Adds 1.00 to 3.00 in 0.25 steps	IN		
SIPD	SIMAGE Transitions DRIVEWEAR 35% - 22% - 12%	HC		
	+ PLUS MINUS -			
	Adds 1.00 to 3.00 in 0.25 steps	IN		
NRPO	18mm Transiti@ns* Don/EME A D* 25% - 22% - 12%			
INKPO	Transitions DRIVEWEAR 35% - 22% - 12% + PLUS MINUS -			
	6.00 72 8.00	IN		
	Adds 0.50 to 4.50 in 0.25 steps 14mm AUTOSELECT Available designs - Outdoor			
YRPO	FREEWAY Transitions DRIVEWEAR 35% - 22% - 12% 10			
	+ PLUS MINUS -	IN		
	Adds 0.75 to 3.50 in 0.25 steps			
RRPO	RESOLVE ID Transitions DRIVEWEAR 35% - 22% - 12% 10			
	+ PLUS MINUS -	HC		
	6.00 = 8.00			
	Adds 0.75 to 4.50 in 0.25 steps 14mm AUTOSELECT			
MRPO	MONOPAL Transitions DRIVEWEAR 35% - 22% - 12% 10	HC		
new	+ PLUS MINUS - 6.00			
	Adds 0.50 to 3.50 in 0.25 steps	IN		
CD59				
	+ PLUS MINUS -	(N)		
	8.00 6.00 75 9.75 10.00 70 Adds 0.75 to 4.50 in 0.25 steps 65			
	Adds 0.75 to 4.50 in 0.25 steps 14mm AUTOSELECT			

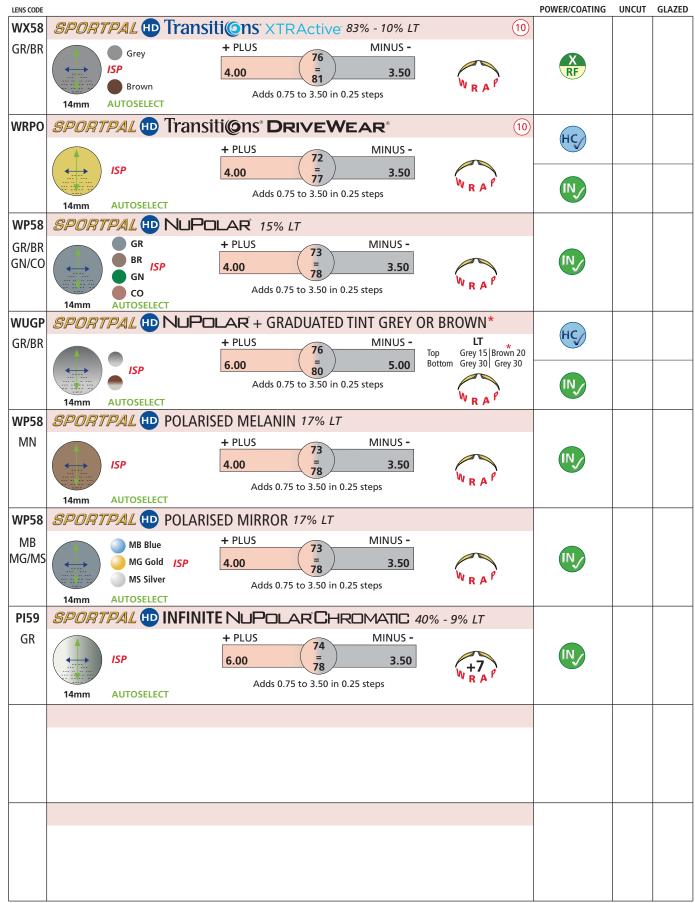
AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

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

We variable 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 130.

* 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 XTRActive

NUPOLAR

CLEAR 1.60 UV410
PRODUCTS CODED UV410

1.6

Index MR8 42

Abbe

1.3g/cm³

Density

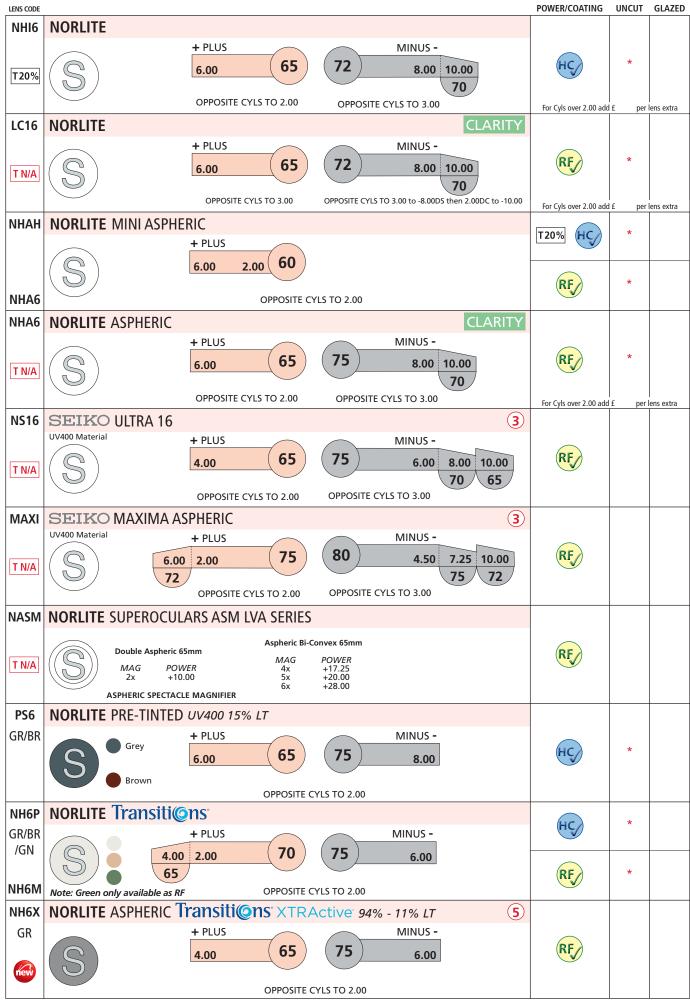
395nm

UV



RESIN SINGLE VISION FINISHED STOCK

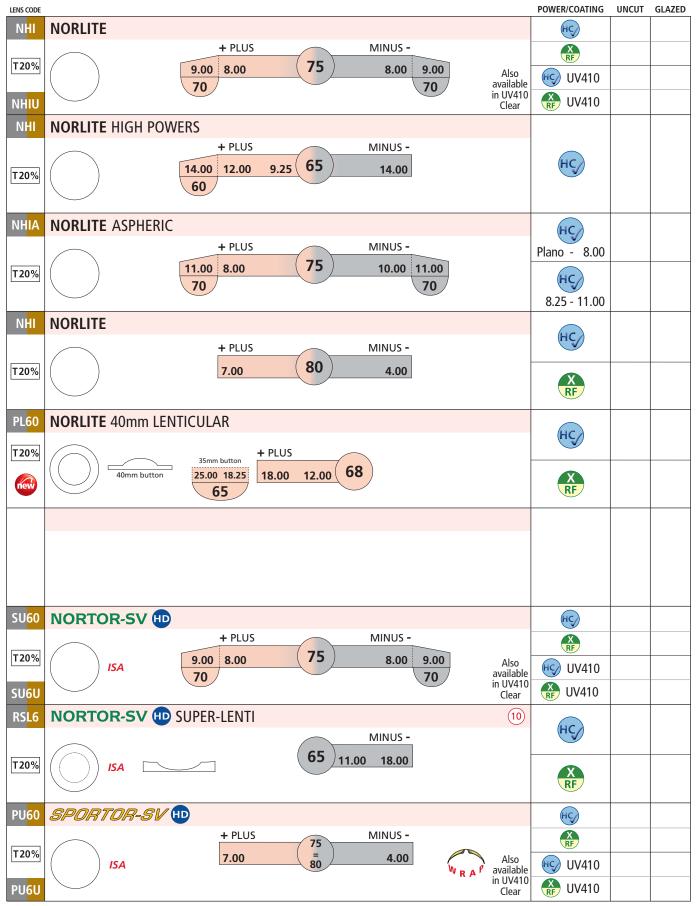






RESIN SINGLE VISION





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



RESIN SINGLE VISION - CONTRAST FILTERS

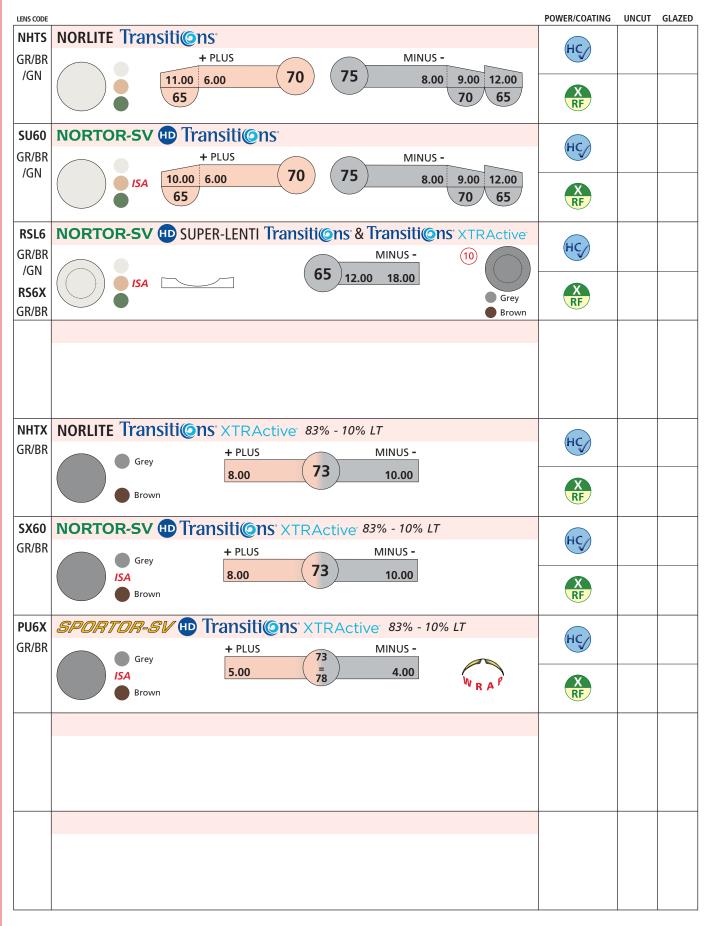


LENS CODE		POWER/COATING	UNCUT	GLAZED
NCNS	NORLITE NEO A1 CONTRAST UV400:580B 82% LT	(HC)		
	+ PLUS MINUS -	HC)		
T20%	8.00 (75) 10.00			
		RF		
	OPPOSITE CYLS TO 2.00			
NUNL	NORTOR-SV (ID) NEO A1 CONTRAST UV400:580B 82% LT	HC		
	+ PLUS MINUS -			
T20%	8.00 75 8.00			
		RF		
PUNL	SPORTOR-SV (ID NEO A1 CONTRAST UV400:580B 82% LT	_		
PUNL	+ PLUS MINUS -	HC		
	75			
T20%	15A 4.00 = 4.00	X		
	TRA.	X RF		
NHNC	NORLITE NEO A2 CONTRAST UV400:580B 72% LT			
	+ PLUS MINUS -	HC		
	8.00 (75) 10.00			
T20%	0.00	X		
	OPPOSITE CYLS TO 2.00	RF		
NUNE	NORTOR-SV ID NEO A2 CONTRAST UV400:580B 72% LT			
	+ PLUS MINUS -	HC		
T20%	8.00 (75) 8.00			
1 20%	ISA	X RF		
		M		
PUNE	SPORTOR-SV HD NEO A2 CONTRAST UV400:580B 72% LT	(IIC)		
	+ PLUS MINUS -	HC		
T20%	4.00 = 4.00			
	W _{RA}	RF		
	EAGLE TINT UV410 BROWN 47% LT	HC		
ET	+ PLUS MINUS -			
	6.00 80 6.00			
		RF		
CHCO	NORTOR SV IR FACILITINI IIV/440 PROMINI	_		
SU60	NORTOR-SV (D) EAGLE TINT UV410 BROWN 47% LT	HC		
ET	+ PLUS MINUS -			
	ISA 6.00 6.00	X		
		X		
PU60	SPORTOR-SV ID EAGLE TINT UV410 BROWN 47% LT			
ET	+ PLUS MINUS -	HC		
	400 = 400			
	15A 85 4.00	X		
		RF		
		I.		

1.60

RESIN SINGLE VISION Transitions

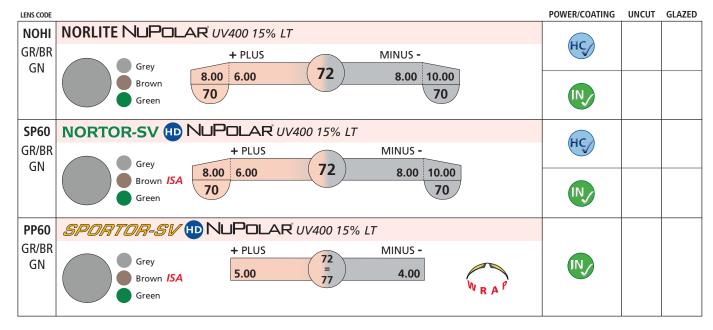




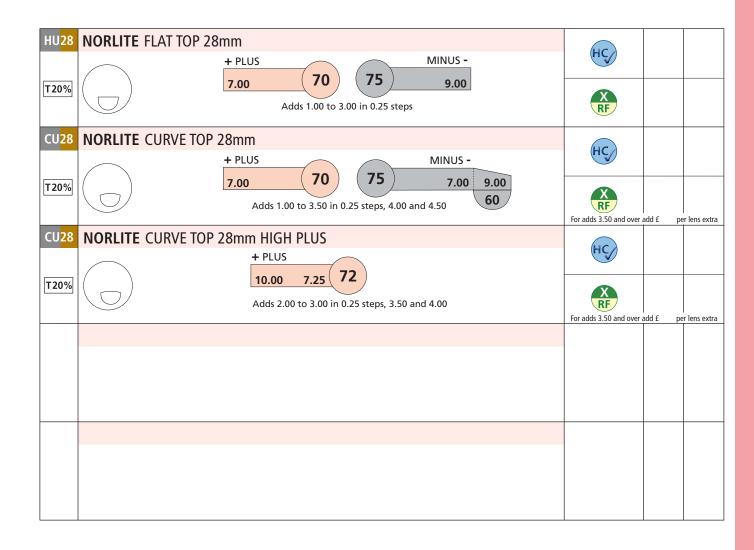
XXL - Need a larger diameter HD Progressive for those oversize Fashion, Sun or Sports frames? You can add 10mm to the effective diameter by stating XXL next to the HD Progressive or HD SV, additional price see page 130.



RESIN POLARISED SINGLE VISION

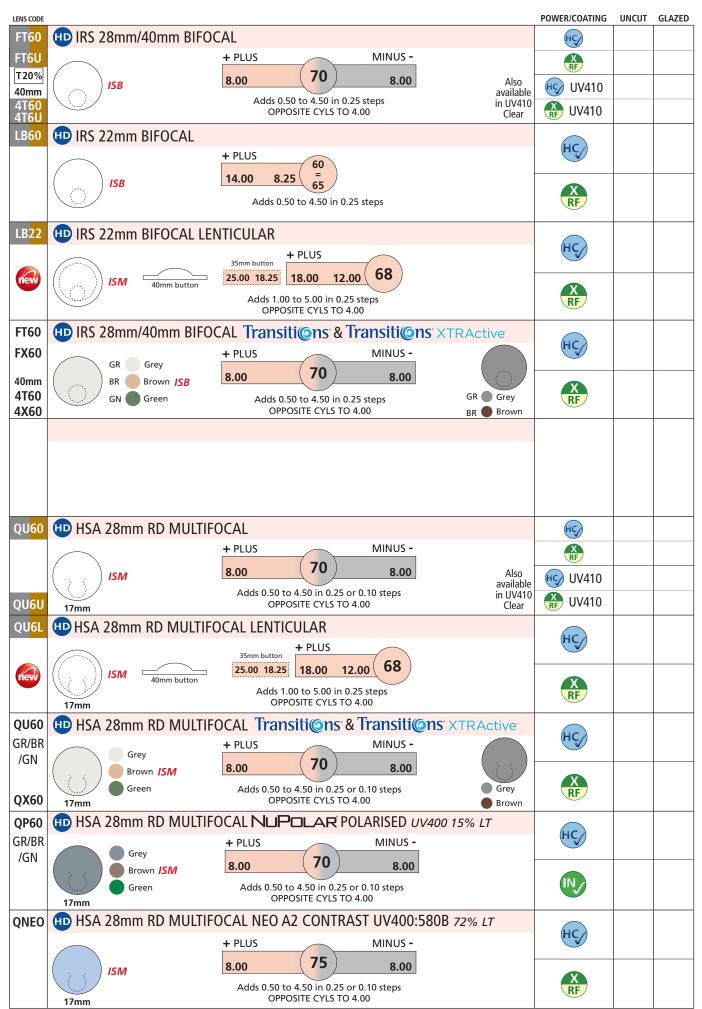


RESIN BIFOCALS

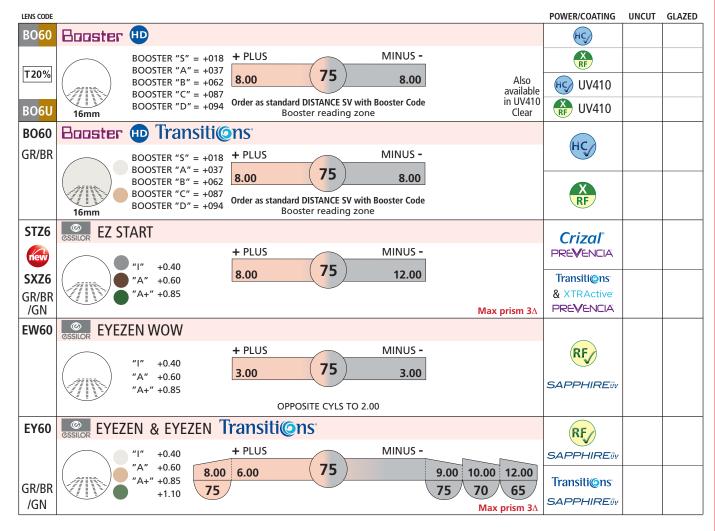


RESIN HD IRS BIFOCALS & HSA 28mm RD MULTIFOCAL

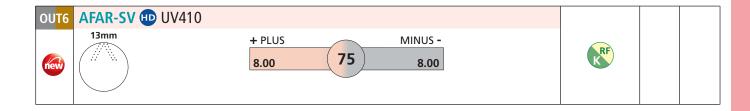




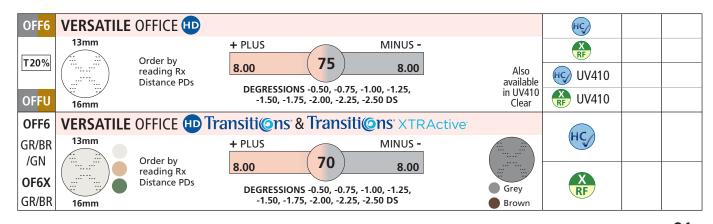




RESIN HD NIGHT MYOPIA ZONE

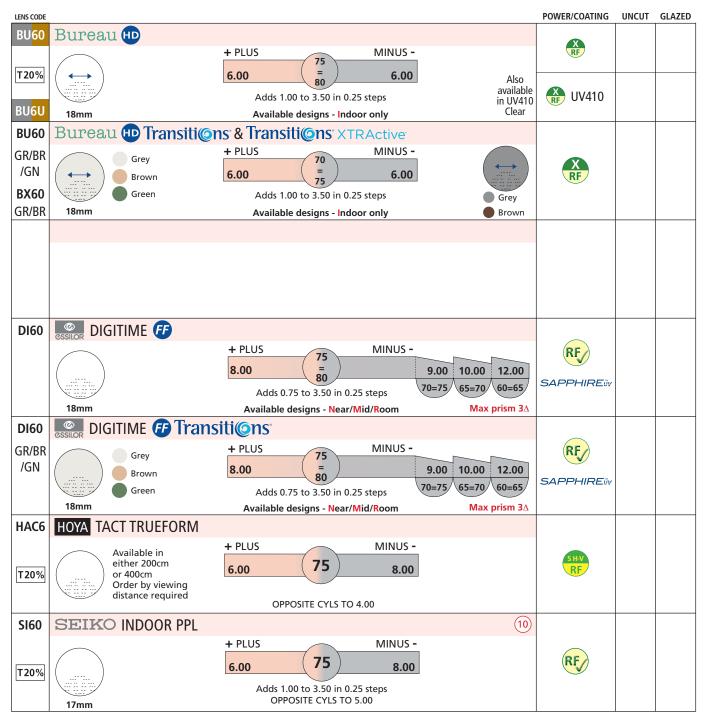


RESIN HD DEGRESSIVES (ENHANCED NEAR VISION)

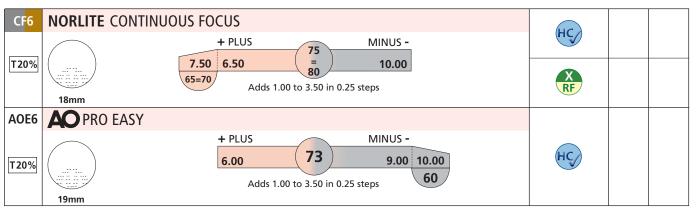


RESIN OCCUPATIONAL PROGRESSIVES



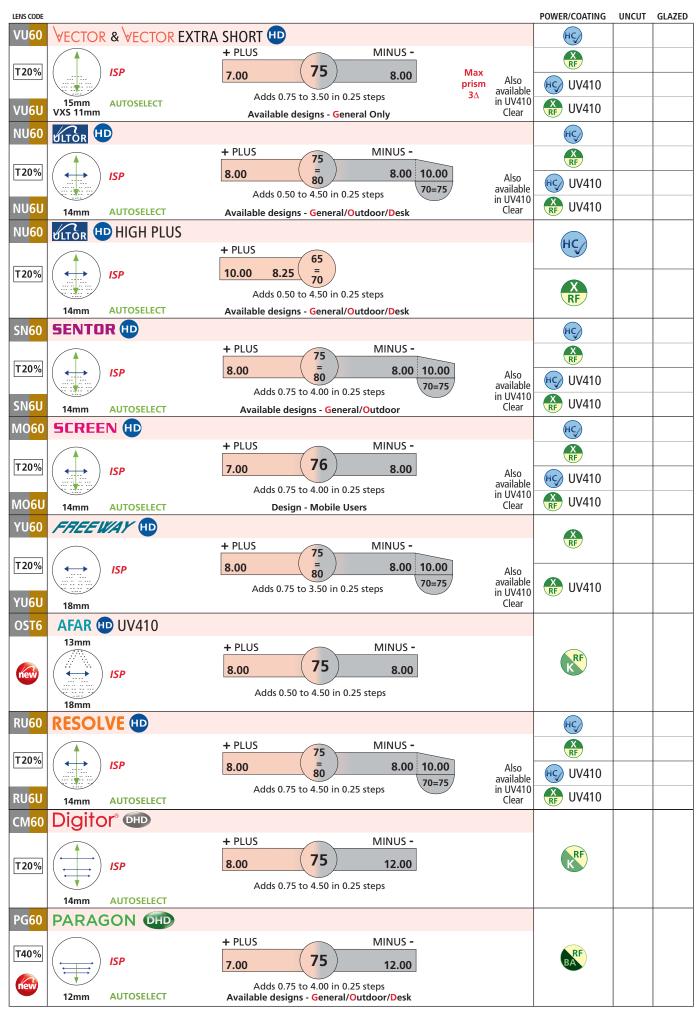


RESIN PROGRESSIVES



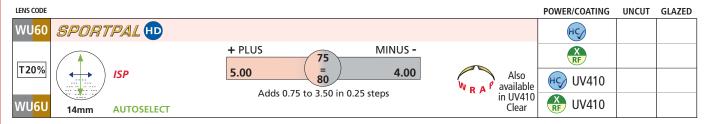




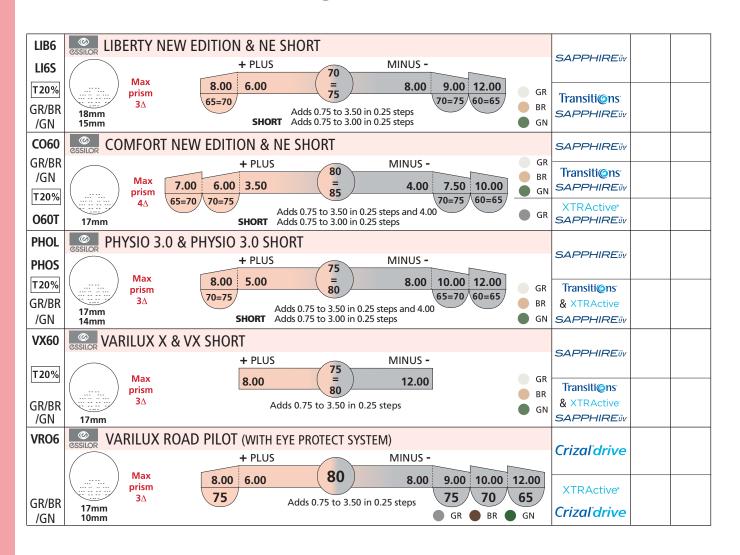




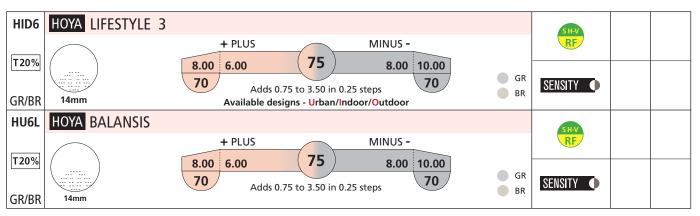




RESIN F PROGRESSIVES

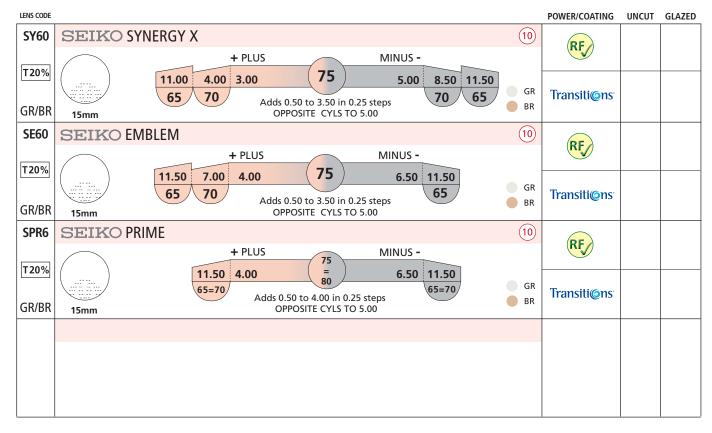


RESIN PROGRESSIVES





RESIN PROGRESSIVES

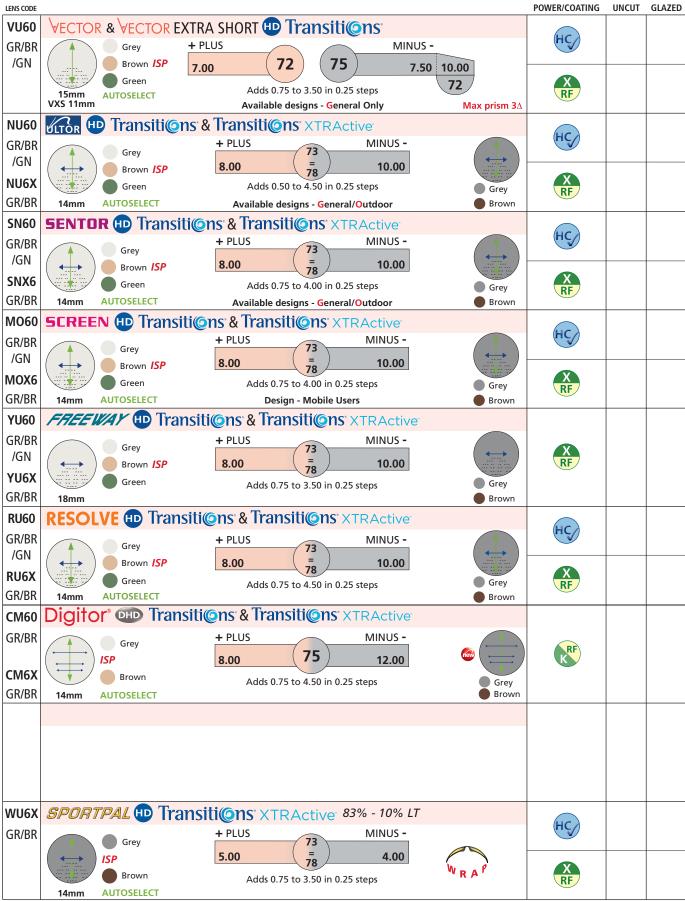


RESIN HD PROGRESSIVES



RESIN HD PROGRESSIVES Transitions



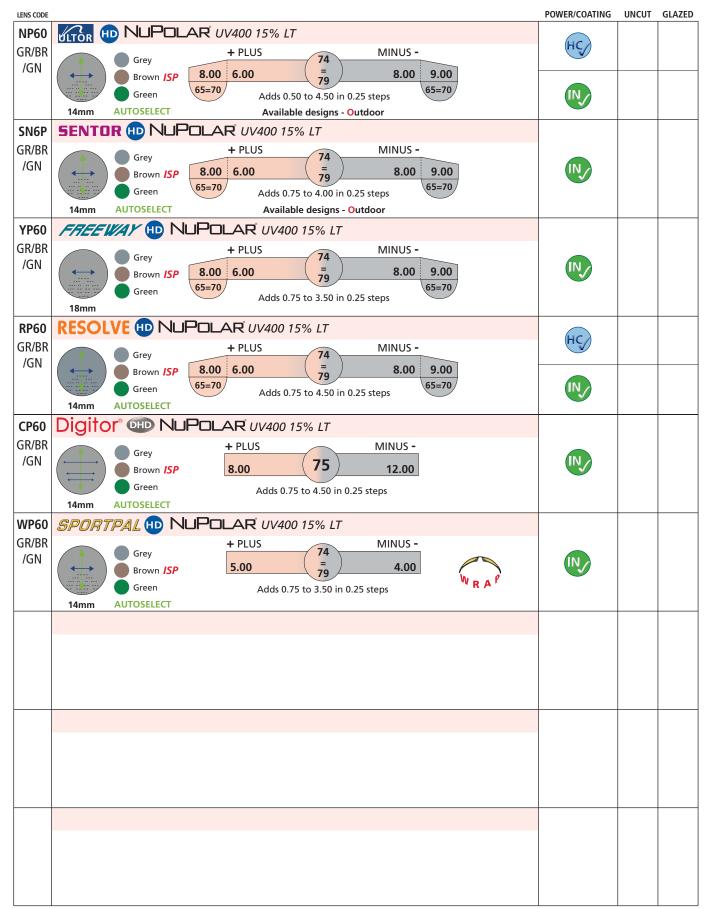


AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

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 130.





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 130.









RESIN LENSES MID INDEX 1.60

XT16 - HIGHER IMPACT n=1.60

Reactolite®

1.597

Index XT16 39

Abbe

1.30g/cm³

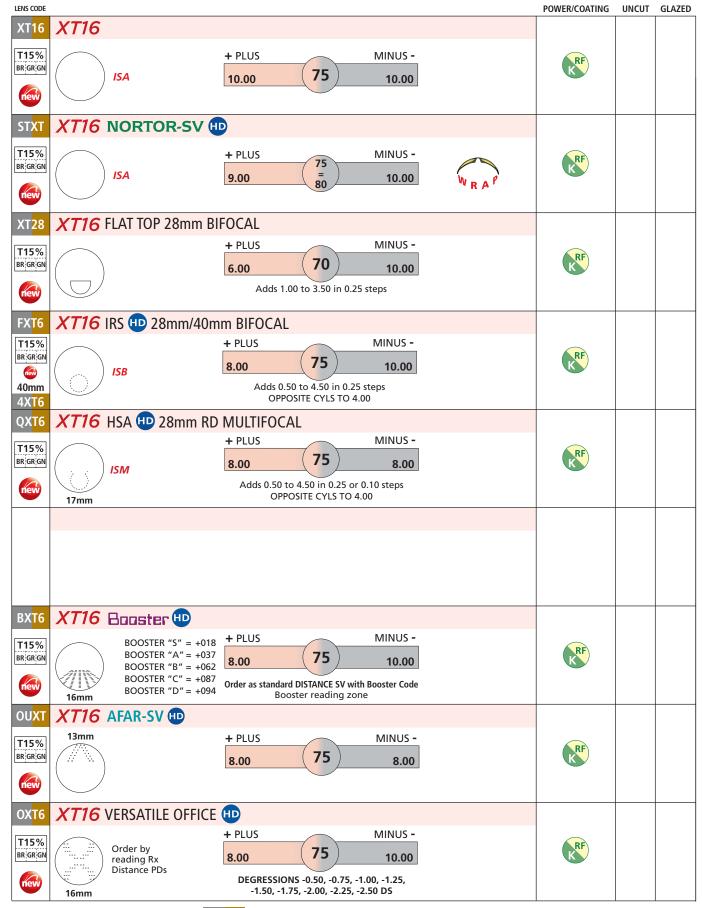
Density

395nm

UV



XT16



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

1.60

XT16



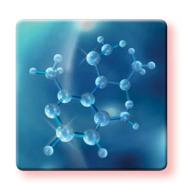
LENS CODE				POWER/COATING	UNCUT	GLAZED
NX <mark>T6</mark>	<i>XT16</i>	ULTOR HD				
T15% BR GR GN		ISP	+ PLUS MINUS - 8.00	RF		
	14mm	AUTOSELECT	Available designs - General/Outdoor/Desk			
SX <mark>T6</mark>	X116	SENTOR HD	+ PLUS MINUS -			
T15% BR GR GN		ISP	8.00	RF		
	14mm	AUTOSELECT	Available designs - General/Outdoor/Desk			
MXT6	X116	SCREEN HD	L DILLIC			
T15% BR GR GN		ISP	+ PLUS MINUS - 10.00	RF		
new	14mm	AUTOSELECT	Adds 0.75 to 4.00 in 0.25 steps Design - Mobile Users			
BUXT	<i>XT16</i>	Bureau HD				
T15% BR GR GN			+ PLUS MINUS - 75 10.00	RF		
new	18mm		Adds 0.75 to 3.50 in 0.25 steps Available designs - Indoor only			
OXTA	<i>XT16</i>	AFAR HD				
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	<i>XT16</i>	NST III				
T15% BR GR GN		ISP	+ PLUS MINUS - 8.00	RF		
	14mm	AUTOSELECT				
RXT6	X116	RESOLVE HD	- PILIS			
T15% BR GR GN		ISP	+ PLUS MINUS - 8.00 = 10.00	RF		
new	14mm	AUTOSELECT	Adds 0.75 to 4.50 in 0.25 steps			
YX <mark>T6</mark>	<i>XT16</i>	FREEWAY HD				
T15% BR GR GN	18mm	ISP	+ PLUS MINUS - 8.00	RF		
MOXT	<i>XT16</i>	MONOPAL HD				
T15% BR GR GN		ISP	+ PLUS MINUS - 8.00	KF		
	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.









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 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 lenses are neither snatterproof nor unbreakable. Lens processing and coatings may after the impact re	POWER/COATING	GLAZED
STRS	TRIBRID		
T N/A	+ PLUS MINUS - 6.00 65 70 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	KF	
STR6	TRIBRID NORTOR-SV (11) Transitions		
GR/BR	# PLUS MINUS - 7.00 75 10.00	RF	
PTR6	TRIBRID SPORTOR-SV (10) Transitions		
GR/BR	# PLUS MINUS - SA	RF	
	TRURBUR ALDS 20		
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 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	
		1	

^{*}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

LENS CODE			POWER/COATING	UNCUT	GLAZED
BO <mark>R6</mark>	TRIBRID Booster 🕕				
T20%	BOOSTER "S" = +018 BOOSTER "A" = +037	+ PLUS MINUS - 8.00	RF		
new	BOOSTER "B" = +062 BOOSTER "C" = +087	Order as standard DISTANCE SV with Booster Code			
BOR6	16mm BOOSTER "D" = +094 TRIBRID Booster (ID)	Booster reading zone			
GR/BR	BOOSTER "S" = +018	+ PLUS MINUS -			
	BOOSTER "A" = +018 BOOSTER "A" = +037 BOOSTER "B" = +062	8.00 (75) 8.00	RF		
new	BOOSTER "C" = +087	Order as standard DISTANCE SV with Booster Code			
	16mm	Booster reading zone			
OUTR	TRIBRID AFAR-SV (11)				
	13mm	+ PLUS MINUS -			
new		8.00 (75) 8.00	KRF		
OTR6	TRIBRID VERSATILE OFFICE	CE 🕕			
	13mm	+ PLUS MINUS -	RF		
T15% BR GR GN	Order by reading Rx Distance PDs	8.00 (75) 10.00	K		
	16mm	DEGRESSIONS -0.50, -0.75, -1.00, -1.25, -1.50, -1.75, -2.00, -2.25, -2.50 DS			
OTR6	TRIBRID VERSATILE OFFIC	E 🕕 Transiti@ns ⁻			
GR/BR /GN	13mm Order by	+ PLUS MINUS -	RF		
	Order by reading Rx Distance PDs	8.00 8.00	K		
new	16mm	DEGRESSIONS -0.50, -0.75, -1.00, -1.25, -1.50, -1.75, -2.00, -2.25, -2.50 DS			
QT <mark>R6</mark>	TRIBRID HD HSA 28mm R				
		+ PLUS MINUS -	RF		
	ISM	8.00 8.00 Adds 0.50 to 4.50 in 0.25 or 0.10 steps			
	17mm	OPPOSITE CYLS TO 4.00			
QTR6	TRIBRID ID HSA 28mm R	D MULTIFOCAL Transitions			
GR/BR	Grey	+ PLUS MINUS - 6.00 6.00	RF		
	ISM Brown	Adds 0.50 to 4.50 in 0.25 or 0.10 steps			
	17mm	OPPOSITE CYLS TO 4.00			



tribrid...lenses



LENS CODE			POWER/COATING	UNCUT	GLAZED
BTR6	TRIBRID Bureau HD				
		+ PLUS MINUS -	DE		
T15%	()	8.00 (75)	K		
BR GR GN		Adds 0.75 to 3.50 in 0.25 steps			
NITRO	18mm	Available designs - Indoor only			
NTR6	TRIBRID TOR HD	+ PLUS MINUS -			
		75	RF		
T15% BR GR GN	ISP	10.00	K		
	14mm AUTOSELECT	Adds 0.50 to 4.50 in 0.25 steps Available designs - General/Outdoor/Desk			
SRN6	TRIBRID SENTOR HD	, training to the control of the con			
		+ PLUS MINUS -			
T15%	(ISP	8.00 (75)	RF		
BR GR GN		Adds 0.75 to 4.00 in 0.25 steps			
	14mm AUTOSELECT	Available designs - General/Outdoor			
MRN6	TRIBRID SCREEN HD				
		+ PLUS MINUS -	DE		
T15%	-1 \ /	8.00 (75)	RF		
BR GR GN	*******	Adds 0.75 to 4.00 in 0.25 steps			
VITOC	14mm AUTOSELECT	Design - Mobile Users			
YTR6	TRIBRID FREEWAY H				
		+ PLUS MINUS -	RF		
T15% BR GR GN	ISP	10.00	K		
	18mm	Adds 0.75 to 3.50 in 0.25 steps			
OSTR	TRIBRID AFAR HD				
T15%	13mm	+ PLUS MINUS -			
BR GR GN		8.00 (75) 8.00	RF		
new	ISP	Adds 0.50 to 4.50 in 0.25 steps			
	18mm	Auds 0.30 to 4.30 iii 0.23 steps			
NS <mark>R6</mark>	TRIBRID NST III				
T15%		+ PLUS MINUS -	RF		
BR GR GN	ISP	8.00 = 10.00	RF		
new	14mm AUTOSELECT	Adds 0.75 to 3.50 in 0.25 steps			
PTP6					
RTR6	TRIBRID RESOLVE HD	+ PLUS MINUS -			
TAFO	ISP	75	RF		
T15% BR GR GN	ISP	8.00 = 10.00			
	14mm AUTOSELECT	Adds 0.75 to 4.50 in 0.25 steps			
MOTR	TRIBRID MONOPAL	ID			
T15%		+ PLUS MINUS -			
BR GR GN	(ISP	8.00 (5) 10.00	RF		
new		Adds 0.75 to 3.50 in 0.25 steps			
	14mm AUTOSELECT	Adds 0.73 to 3.30 iii 0.23 steps			

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 -	- PF		
	(5) ISP 6.00 (75) 10.00	KRF		
	Adds 0.50 to 4.50 in 0.25 steps			
	14mm AUTOSELECT Available designs - General/Outdoor/Desk			
SRN6	TRIBRID SENTOR (10) Transitions			
GR/BR	+ PLUS MINUS -	RF		
	6.00 75 10.00	K		
	Adds 0.75 to 4.00 in 0.25 steps 14mm AUTOSELECT Available designs - General/Outdoor			
MRN6				
GR/BR	+ PLUS MINUS -			
GIVDI	Grey	RF		
	0.00			
	Adds 0.75 to 4.00 in 0.25 steps 14mm AUTOSELECT Design - Mobile Users			
YTR6	TRIBRID FREEWAY Transitions			
GR/BR	+ PLUS MINUS -			
	Grey 6.00 (75) 10.00	RF		
	Brown Adds 0.75 to 3.50 in 0.25 steps			
	14mm			
RTR6	TRIBRID RESOLVE (ID) Transitions			
GR/BR	Grey + PLUS MINUS -	- PE		
	6.00 (75) 10.00	KRF		
	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			

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 130.









RESIN LENSES HIGH INDEX 1.67

RESIN

Reactolite®

Transiti@ns[®]

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

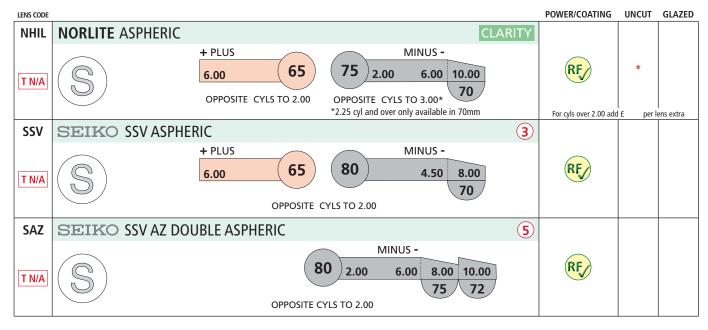
Density

410nm

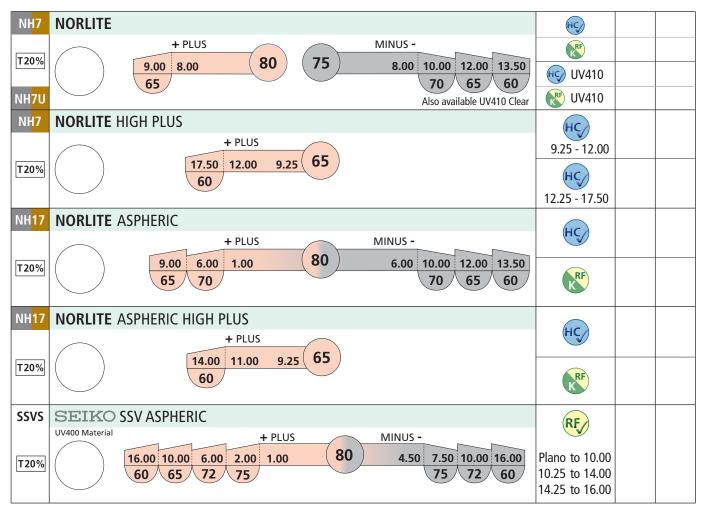
UV



RESIN SINGLE VISION FINISHED STOCK



RESIN SINGLE VISION



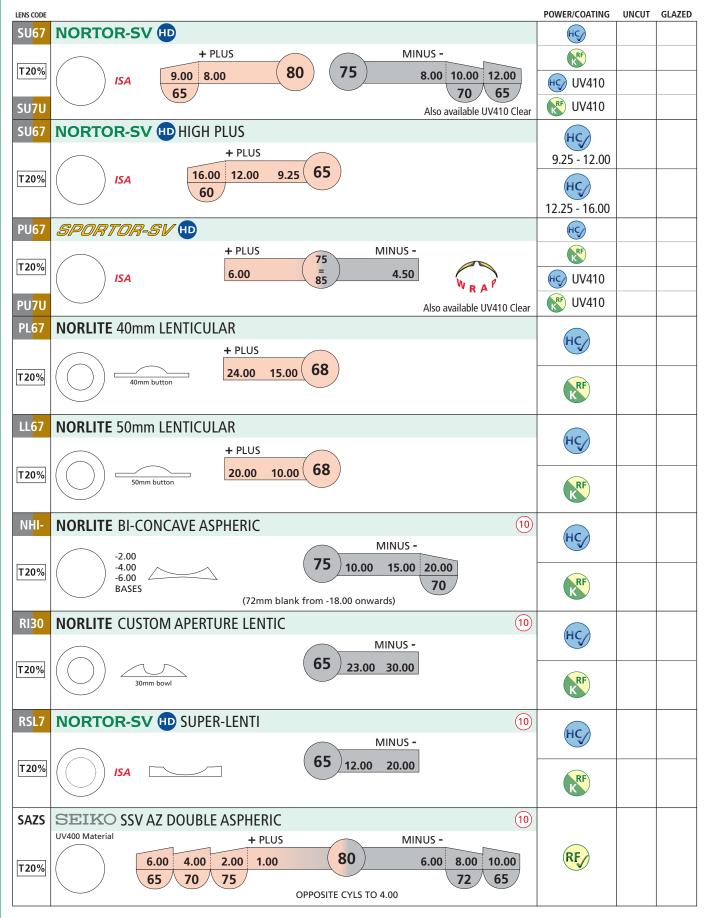
^{*}For exact stock range availability and volume uncut pricing please refer to our NLS Finished Stock Lens Catalogue or see online - www.norville.co.uk

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



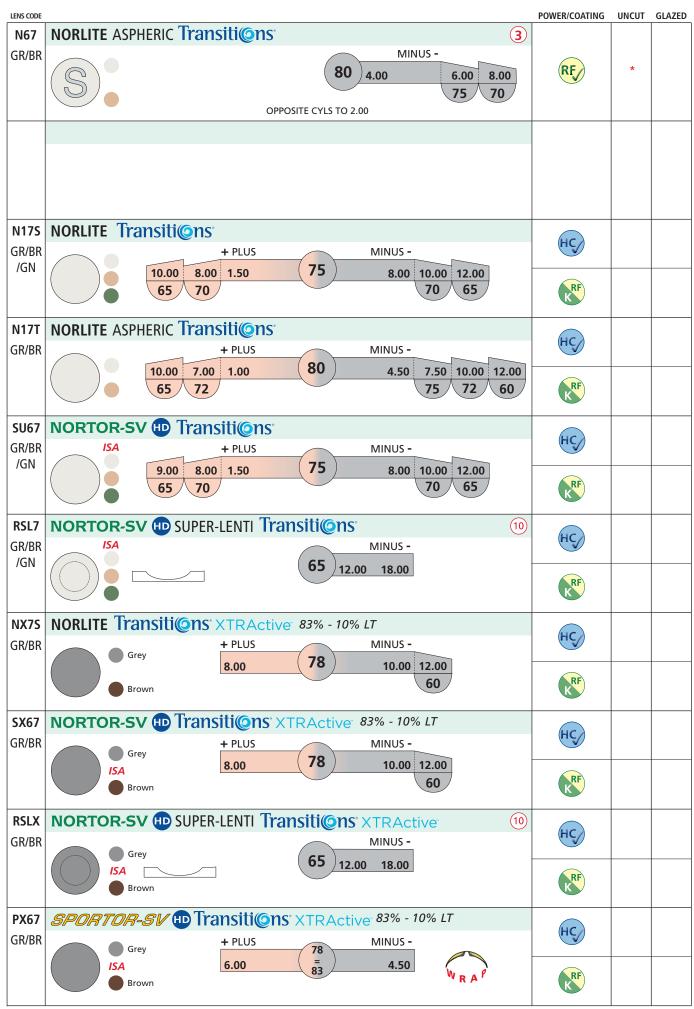
RESIN SINGLE VISION





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 130.

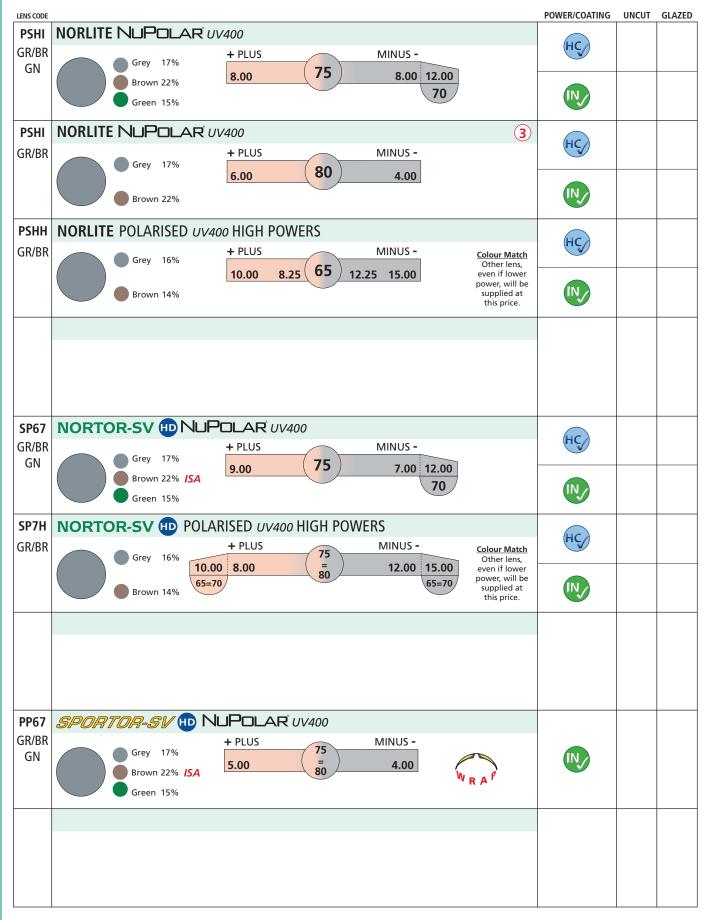
RESIN SINGLE VISION Transitions



1.67

RESIN SINGLE VISION NUPOLAR

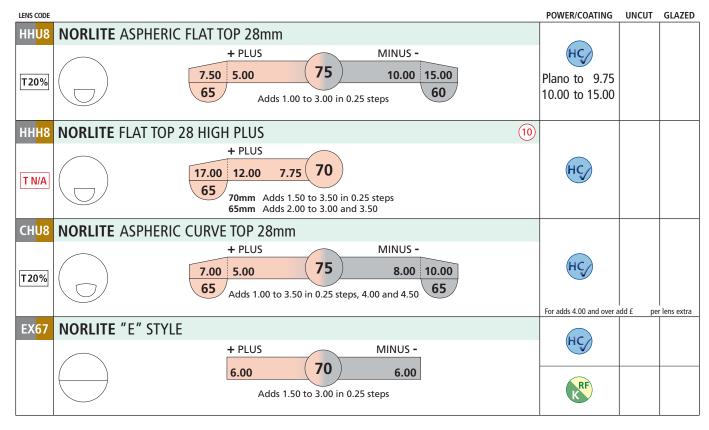




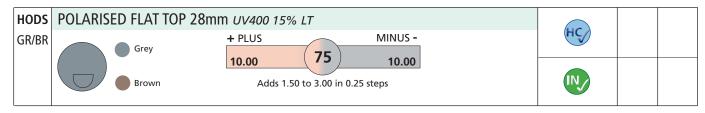
XXL - Need a larger diameter HD Progressive for those oversize Fashion, Sun or Sports frames? You can add 10mm to the effective diameter by stating XXL next to the HD Progressive or HD SV, additional price see page 130.



RESIN BIFOCALS



RESIN POLARISED BIFOCALS

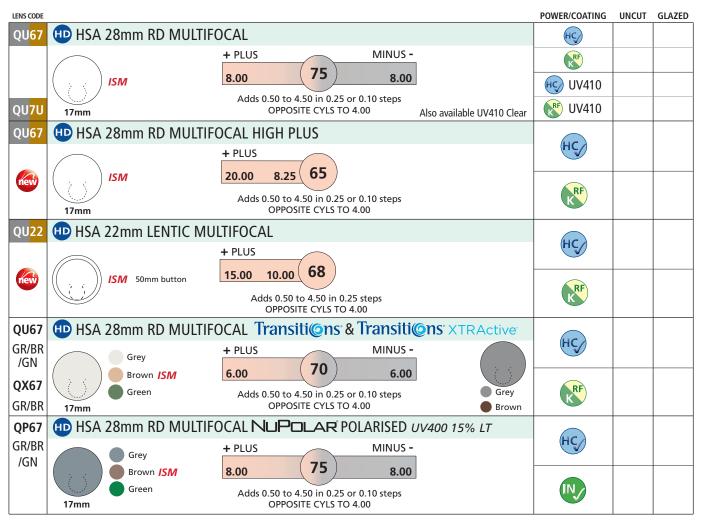


RESIN HD IRS BIFOCALS



RESIN HD HSA 28mm RD MULTIFOCAL

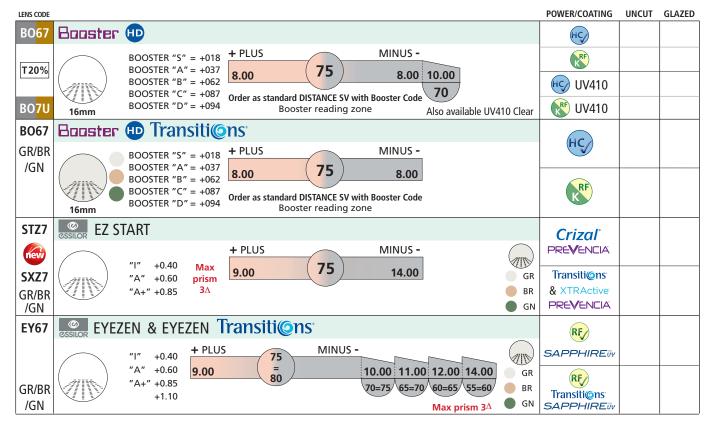




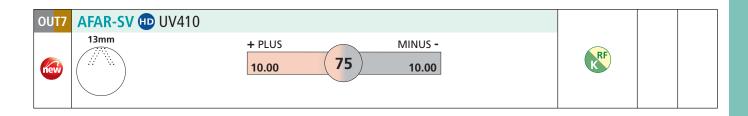
RESIN SPECIALIST PROGRESSIVES

UP7L	DEFORM 1.120 TO 1.110 CH. 2001 2.100								
	14mm	State pupil height at fitting cross along with the separation. Minimum separation 8mm Minimum frame depth 32mm	+ PLUS 6.00 BOTTOM TOP	70 Adds 1.50 to 3.00 in Adds 1.50 to 3.00 in OPPOSITE CYLS TO 4.	0.25 steps	(Specify both top and bottom additions)	Plano to	lano to 6.00	
UP7U	PTU VITOR PILOTOR EU - UPPER PROGRESSIVE ISP								
	14mm	State pupil height at fitting cross along with the separation. Minimum separation 8mm Minimum frame depth 32mm	+ PLUS 6.00 BOTTOM TOP	70 Adds 1.50 to 3.00 in Adds 1.50 to 3.00 in OPPOSITE CYLS TO 4.	0.25 steps	(Specify both top and bottom additions)	Plano to 6.	6.00	

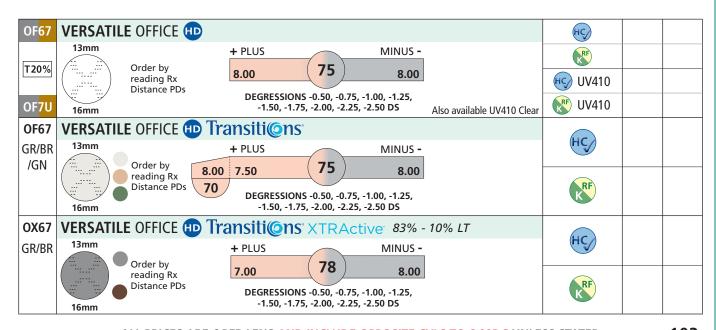




RESIN HD NIGHT MYOPIA ZONE



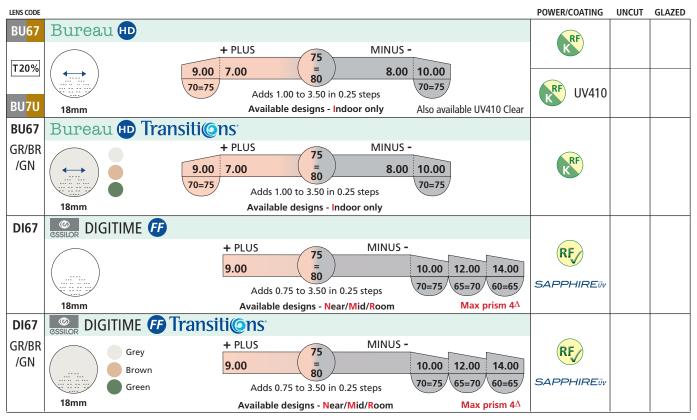
RESIN HD DEGRESSIVES (ENHANCED NEAR VISION)



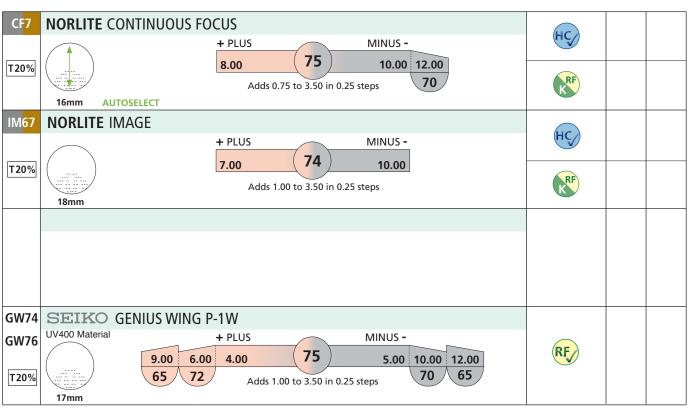


RESIN OCCUPATIONAL PROGRESSIVES





RESIN PROGRESSIVES

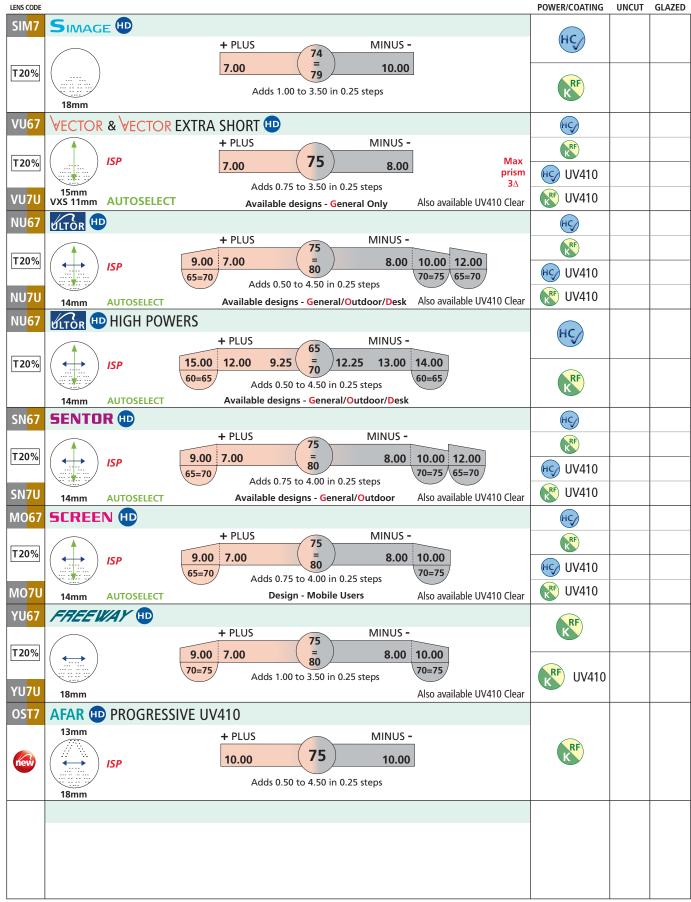


AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

→ Variable 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 (ID)						HC		
	†			+ 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	0.75 to 4.50 in 0.2	25 steps	Also available UV410 Clear	№ UV410		
PG67	PARAG	SON OHD					7.130 4.74114212 0.7.170 4.1641			
				+ PLUS		MINUS -				
T20%		ISP		8.00	75	14.00		BA		
new				Adds	0.75 to 4.00 in 0	.25 steps				
CNCZ	12mm	AUTOSELECT		Available d	esigns - <mark>G</mark> eneral/	Outdoor/Desk				
CM <mark>67</mark>	Digito	OHD		+ PLUS	_	MINUS -				
				9.00	75	14.00		RF		
T20%		ISP			0.75 to 4.50 in 0.					
	14mm	AUTOSELECT		Ol	PPOSITE CYLS TO	8.00				
WU <mark>67</mark>	SDADI	TPAL HD						HC		
11007	OFUNI	PAL W		+ PLUS		MINUS -				
T20%		ISP		6.00	75	4.50		RF LD (44.0		
					0.75 to 3.50 in 0.		WRAP	HC UV410		
WU <mark>7U</mark>	14mm	AUTOSELECT				· 	Also available UV410 Clear	№ UV410		

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

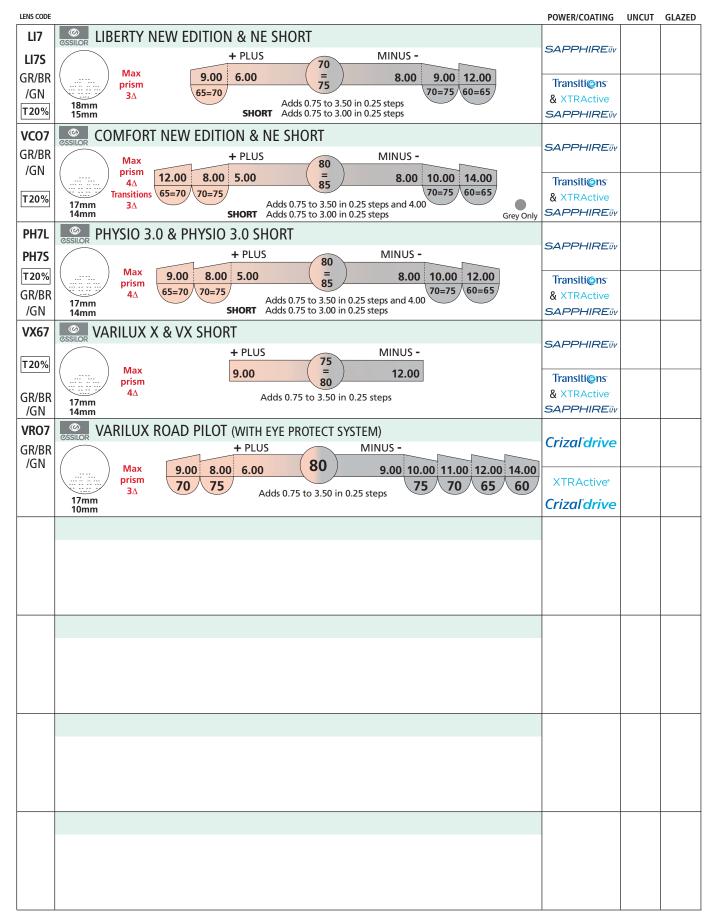
Variable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.

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 130.

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







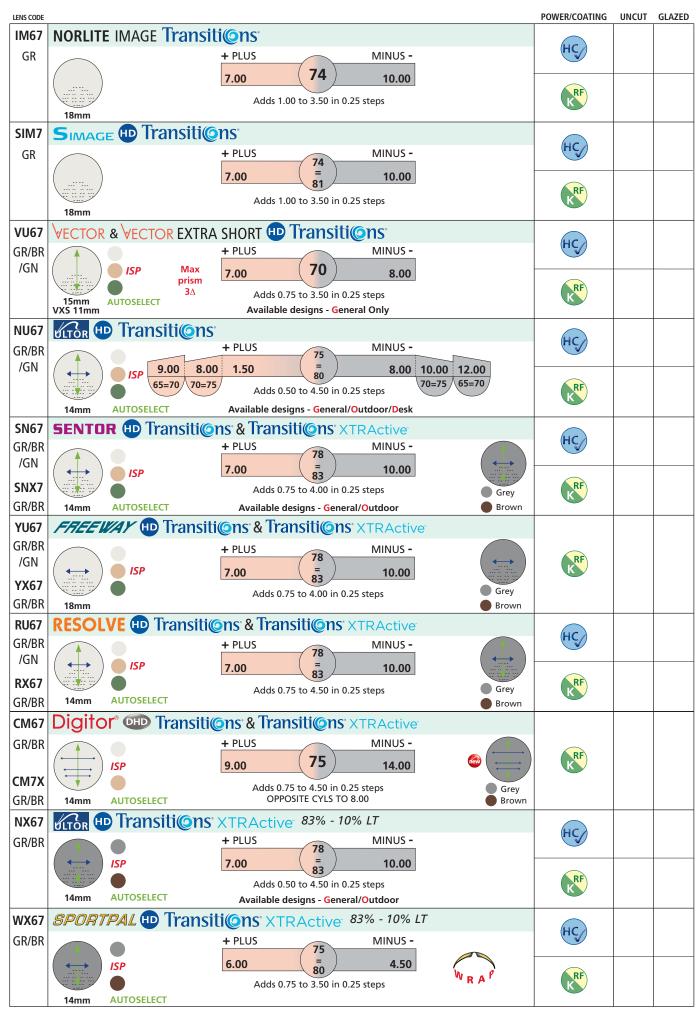




LENS CODE		POWER/COATING	UNCUT	GLAZED
HID7	HOYA LIFESTYLE 3 + PLUS MINUS -	S H-V		
T20%	8.00 6.00 75 10.00 12.00 GR Adds 0.75 to 3.50 in 0.25 steps	SENSITY (
GR/BR	14mm Available designs - Urban/Indoor/Outdoor			
HU7L	HOYA BALANSIS + PLUS MINUS -	S H-V		
T20%	8.00 6.00 75 10.00 12.00 70	SENSITY •		
GR/BR	Adds 0.75 to 3.50 in 0.25 steps BR	OLNOITT \		
SY70	SEIKO SYNERGY X 10 + PLUS MINUS -	RF		
GR/BR	11.00 4.00 3.00 75 5.00 8.50 11.50 GR Adds 0.50 to 3.50 in 0.25 steps OPPOSITE CYLS TO 5.00 BR	Transiti@ns		
SE70	SEIKO EMBLEM 10	RF		
T20%	+ PLUS MINUS - 75 6.50 11.50			
GR/BR	65 70 Adds 0.50 to 3.50 in 0.25 steps OPPOSITE CYLS TO 5.00 GR BR	Transiti@ns		
SPR7	SEIKO PRIME 10 + PLUS MINUS -	RF		
T20%	11.50 4.00 75 = 6.50 11.50 GR	Transiti@ns		
GR/BR	Adds 0.50 to 4.00 in 0.25 steps OPPOSITE CYLS TO 5.00 BR	Transiti@ns		



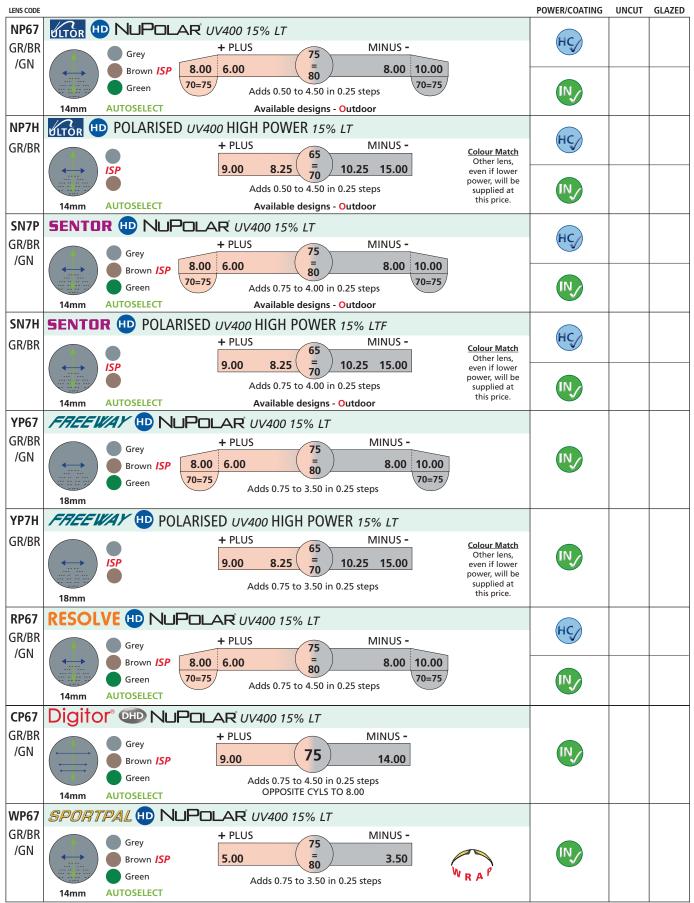
RESIN PROGRESSIVES Transitions





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.

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RESIN LENSES VERY HIGH INDEX 1.74

RESIN

RESIN TINTABLE

Transiti@ns[®]

ENHANCED UV UPGRADE*

Clear 1.74 UV410

products coded UV410

1.74

Index

33

Abbe

1.46g/cm³

Density

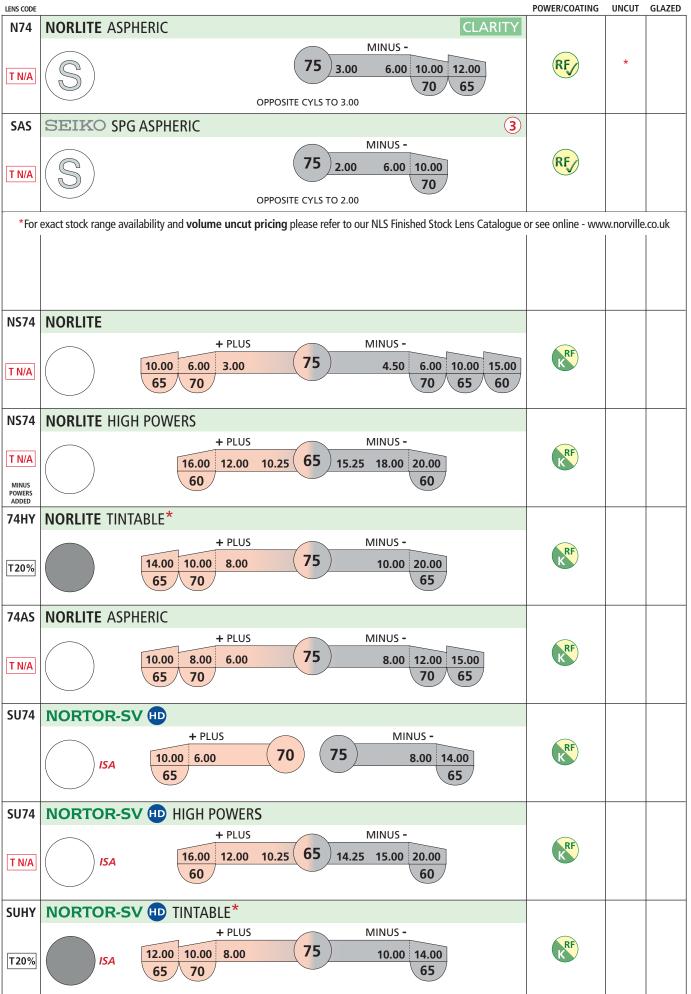
396nm

UV



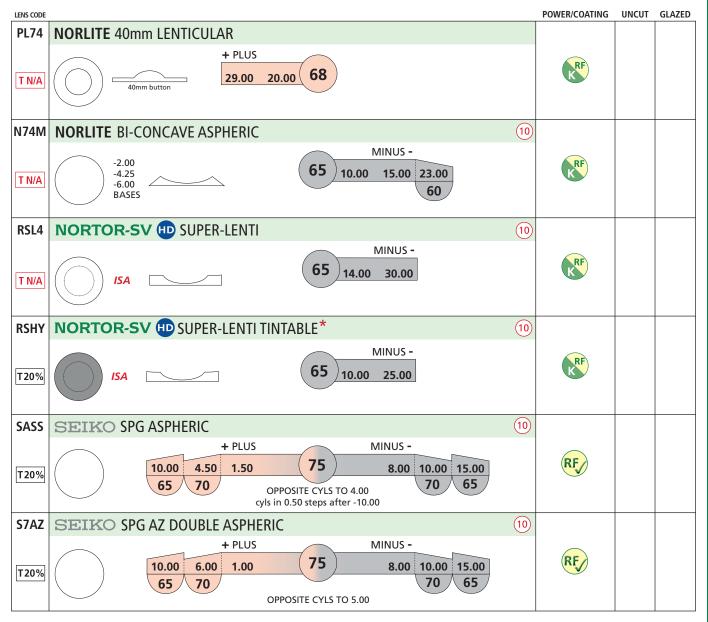
RESIN SINGLE VISION



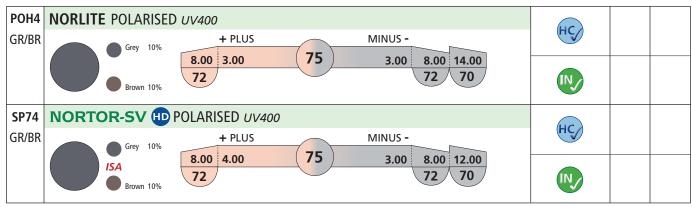




RESIN SINGLE VISION



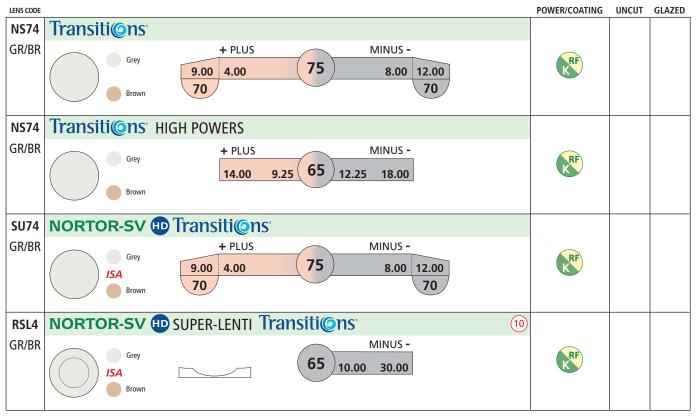
RESIN SINGLE VISION POLARISED



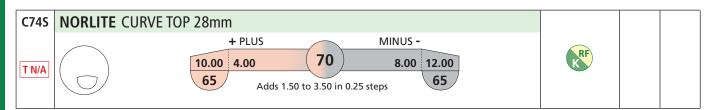
^{*}Note: Tints available on these products from 80% to 20% LTF - price excludes tint cost.

RESIN SINGLE VISION Transitions





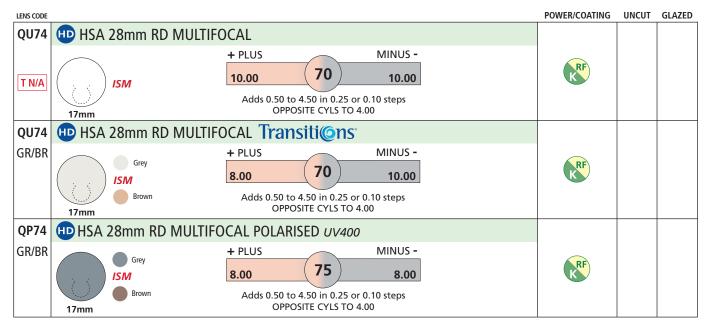
RESIN BIFOCALS



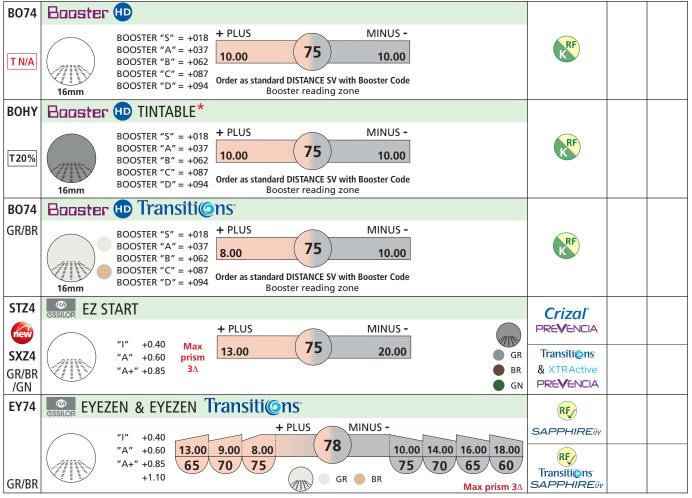
RESIN HD IRS BIFOCALS







RESIN HD ENHANCED NEAR

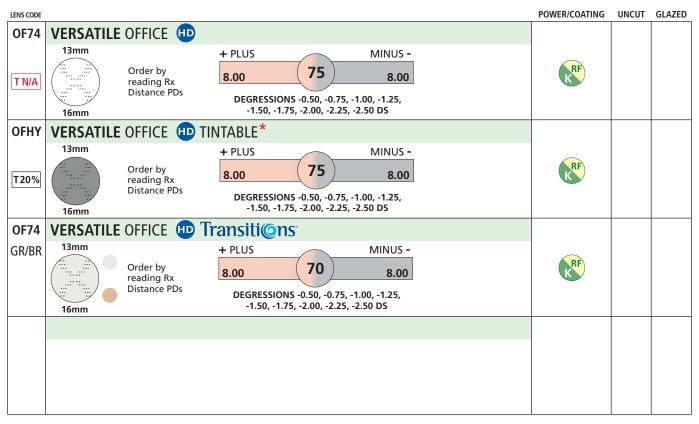


^{*}Note: Tints available on these products from 80% to 20% LTF - price excludes tint cost.

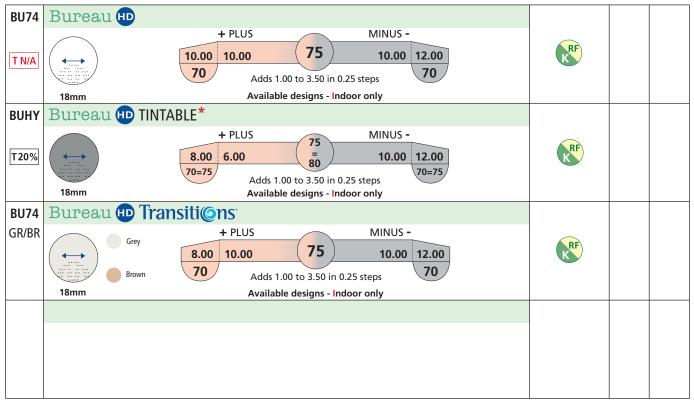


RESIN HD DEGRESSIVES (ENHANCED NEAR VISION)





RESIN HD OCCUPATIONAL PROGRESSIVES



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





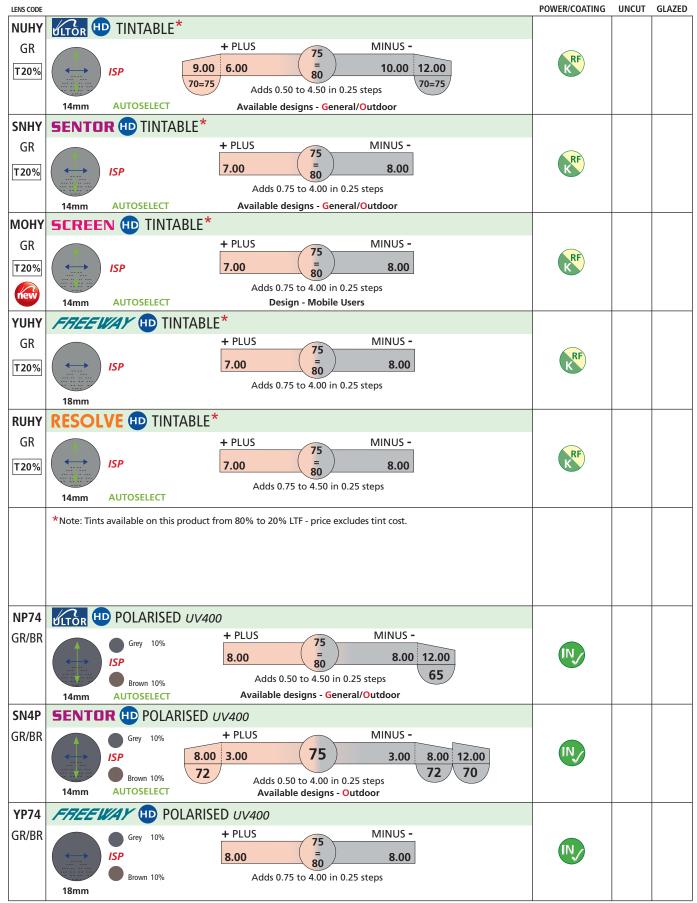


AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

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

RESIN HD PROGRESSIVES

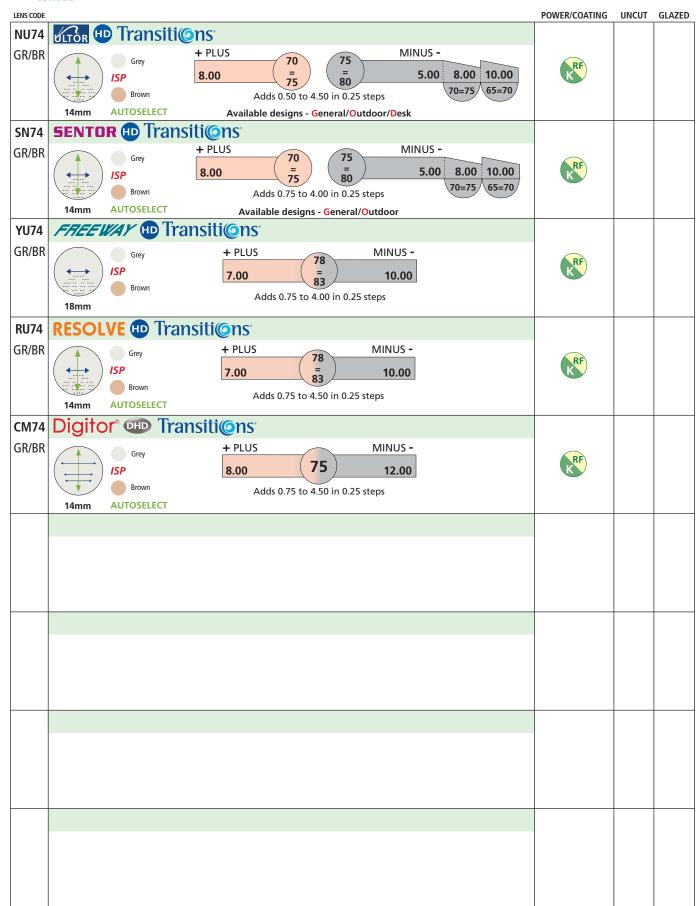




AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

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



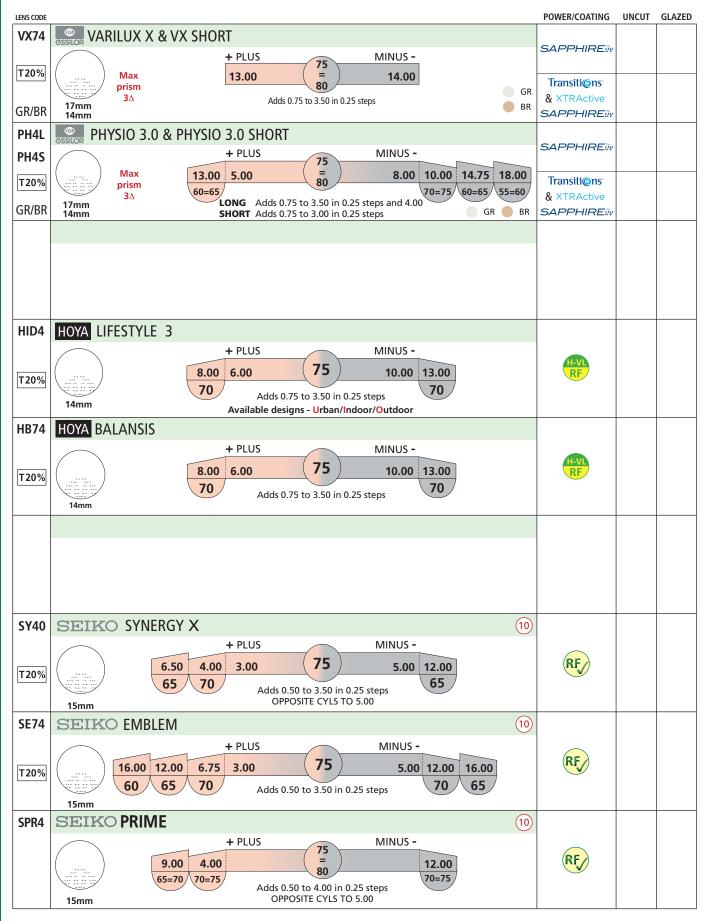


AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

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















RESIN LENSES VERY HIGH INDEX 1.76

1.76

Index

30

Abbe

1.46g/cm³

Density

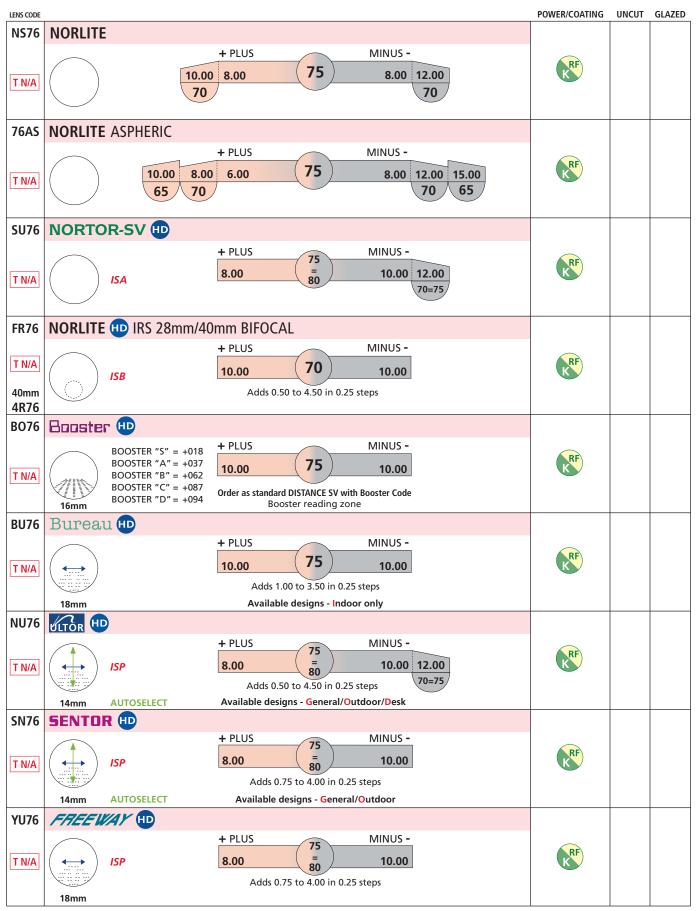
400nm

UV



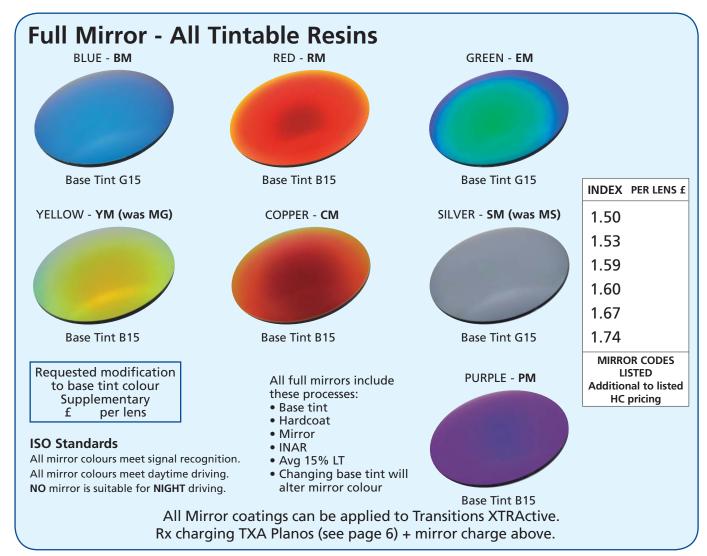
RESIN VERY HIGH INDEX



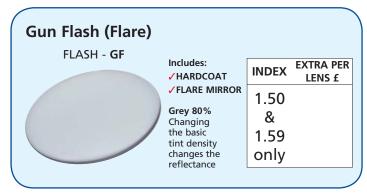


AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

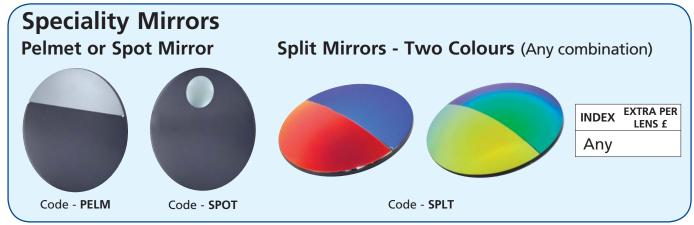
Wariable inset - 0 to 5.00mm in 0.50mm steps. Please specify at time of ordering.



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







Surface Coatings



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 CR39 available, nor any bifocals Combined AR application not possible

Supplementary to lens price (UNC or HC)							
Order Code Index Price per ler							
AF	1.53						
	1.59	£					
	1.60	E					
	1.67						



Brown

Reactolite® Hardcoat **Photochromic**

Resin lenses only Not available 1.74 & 1.76 index

Supplementary to lens price (UNC or HC)								
Order Code	Code Index SV PPL/IRS Bifocal/Trifocal E							
	1.50 1.53	£	£	f Flat tops excepted	£ PEX only			
RG15 15%LT	1.56 (VM)	£	£	N/A	N/A			
RB15 15%LT	1.58 1.59 1.60	£	£	£	£			
	1.67	£	£	£	£			

Please note: when Reactolite is specified with an RF coating we recommend P Coat - Reactolite specific MAR coat.

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	LONGLIFE	£
LLB	LONGLIFE + BLUE	£
LLUV	LONGLIFE +UV	£
		Extra
*1//ha	re available	

Barbour Azure

Superior Coating

Barbour Green

Superior Coating



Azure Blue front and inner

- Hardcoat
- **MARB** coat
- Antistatic
- ✓ Super Easyclean
- ✓ Water Repellent Top Coating



Pale Blue Reflex Colour



Emerald front and inner

- ✓ Hardcoat
- MARE coat
- ✓ Antistatic
- ✓ Super Easyclean
- ✓ Water Repellent Top Coating

Order Code	Index	Price per lens
BABR BAF	ALL	£

Emerald Reflex Colour



- Hardcoat
- ✓ MARE coat
- ✓ Antistatic
- ✓ Super Easyclean

Order Code	Index	Price per lens
KARE	ALL	£

Emerald Reflex Colour



- / Hardcoat
- ✓ MARE coat
- Cleancoat

Order Code	Index	Price per lens
XARE	ALL	£

Emerald Reflex Colour



Reactolite Specific

- ✓ Hardcoat
- / MARE
- ✓ Antistatic
- ✓ Super Easyclean

Order Code	Index	Price per lens
PARE P RF	ALL	£

Emerald Reflex Colour



Blue Filter (LED Light - 50% LT 440nm)

- ✓ Hardcoat
- ✓ MARB coat (blue reflex front surface) MARE coat (emerald reflex back surface)
- ✓ Antistatic
- Easyclean

Order Code	Index	Price per lens
KBLU	ALL	£

Blue Reflex Colour



Sun Lenses Inside Surface UV Block

- ✓ Hardcoat
- ✓ MARE coat (inside surface RF only)
- ✓ Cleancoat

Order Code Index Price per lens Additional to INAR ALL £ IN

Inner Emerald Reflex Colour

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.

listed HC

pricing



	GREY	BROWN	GREEN	ATLANTIC	ORCHID	LILAC	MAGENTA	INDEX	PRICE PER LENS £
	GR	BR	GN	AT	OR	Lilac	Purplish Red		
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 is available - see pages 112 - 120	
MEDIUM	GR40	BR40	GN40	AT40	OR40	L40	M40		
SUN	GR15	BR15	GN15	AT15	OR20				
	VER (ONA HA een Wa Bro	arm G		nced	REY BRO	NWO		
PALE	V	30 H8	80 D	80 N	80 G	88 B	80		
								*1.50	
LIGHT	Ve	50 H6	60 D	60 No	60 G	75 B	65	1.53 - 1.67 1.74*	
								*Where 1.74 tinting is available - see pages 112 - 120	
MEDIUM	V	10 H4	40 D	40 N4	40 G	40 B	35		
DARK		H2	20 D	20 N.	20 G	33 B	325		
All meet 201	5 traffic signal	recognition req	uirements		Numbers quot	ted = Lens tran	smission (LT) %		

GRADUATED RESIN TINTS								INDEX	PRICE PER LENS £
		GR	BR	GV	AT	GO			
Please note: Grad tints not available on Polycarbonate		GG60	GB60	GV60	GA60	GO60		1.50 1.53 - 1.67 1.74* *Where 1.74 tinting is available see pages 112 - 120	
		GG20	GB20	GV20	GA20	GO20		366 pages 112 - 120	

^{*} All $\underline{1.50}$ index lenses with an L.T. of 39% or less will automatically be supplied with a UV400 block, add £



	NORLITE 'DOT COM' OFFICE TINT & RF MULTICOAT (Available on 1.50 resin only) Can reduce eye strain caused by computers, office environment, fluorescent lighting					INDEX	PRICE PER LENS £
Can rec	DTA - ALPHA	Blue/grey tint 96% L.T.	l l	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.					

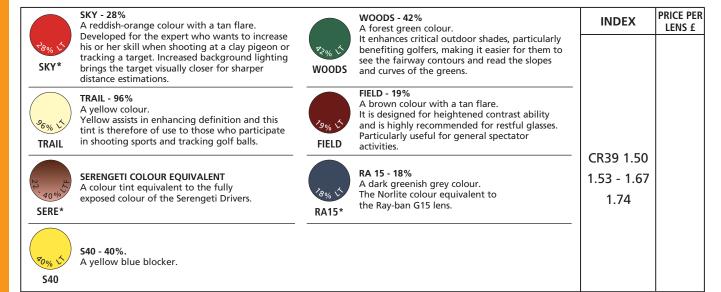
ReadE	Z PRECISE S	SPECTRUM	CALIBRATE	D LENSES			INDEX	PRICE PER LENS £
A to M COLO	OURS (Only av	ailable on CR	39 uncoated)					
Α	В	C	D	E	F		1.50	
G	Н	I	J	K	L	M		
MA to ML CO	DLOURS (Only	y available on	CR39 uncoate	ed)				
MA	MB	MC	MD	ME	MF		1.50	
MG	MH	MI	MJ	MK	ML			

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





PLS RANG	GE (Protective Lens Series)		INDEX	PRICE P
Selv * f * l * k 6 * E * E * E * E * E * E * E * E * E *	5 410 - Rose 50% ect for : fluorescent lighting light flicker eye strain tension headache photophobia - blepharospasm	PLS 500 - Orange 50% Orange lens absorbing up to 500nm. Select for patients with: * developing cataracts and post operative * diabetic retinopathy * corneal dystrophy * optic atrophy * albinism * aphakia & pseudophakia * photophobia * also for dentists		
Ori Sele * f	5 FL41 - Rose 30% iginal Cambridge FL41 mix. ect 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		
Sim light Selection	5 G410 - Grey 30% nilar transmittance as PLS 410 but overtinted ht grey to subdue lens colour. ect for : PLS 410	PLS 550 - Red 20% Intense orange red lens absorbing up to 550nm Select for patients who have : * macular degeneration * colour blindness PLS 550 * retinitis pigmentosa	1.50 - 1.67	
Pro mir Sele	5 440 - Amber 50% ovides blue/violet attenuation with nimal colour distortion. ect for : macular degeneration	PLS 600 - Red 8% Red lens absorbing up to 600nm Select for patients with: * macular degeneration * anridia * retinitis pigmentosa * glaucoma * extreme photophobia Also for: * dark room filters, 3D lenses & red light target definition.	1.50 - 1.07	
Yel Seld * r * r * r * r * r * r * r * r * r *	5 450 - Yellow 86% Winter Sun Ilow lens absorbing up to 450nm. ect for : night blindness macular degeneration retinitis pigmentosa SAD (Seasonal Affective Disorder)	PLS Melanin - Brown 30% Yellow brown lens * natural body pigment protects against sunlight damage * maintains natural colours Uses: PLS MEL * post cataract * AMD protection		
Selection in the select	5 480 - Brown 15% own lens absorbing up to 480nm. ect for patients with : macular issues retinitis pigmentosa 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		
	post operative cataract PLS are available o Sample lorgnettes	PLS BB n any standard CR39 lens material. are available and can be ordered r Telesales Department.		

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



Resin Conventional Surfaced Lenses

Supplementary Lens	Charges	Price pe	er lens £ Multi	Comp Code
(WORKED PRISMS)	Up to 4.00 ^Δ	34	iviuiti	PR01
	4.25 ^Δ to 6.00 ^Δ			PR02
(10)	6.25 ^{\(\Delta\)} to 9.00 ^{\(\Delta\)}			PR03
	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 ^Δ and over - where possible			PRS1
CYLINDERS	Up to 6.00DC	N/A	N/A	
	6.25DC to 9.00DC			CY06
(10)	9.25DC to 12.00DC			CY07
	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
POWERS	Extending sphere power beyond quoted range			
	where available from a standard blank Over published range: 0.25 - 3.00D			PW09
	3.25 - 6.00D			PW10
	6.25 - 10.00D			PW12
	10.25D and over			PW13
	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 flat base where available			LF12
	Surfaced to a specified base curve (non stock) requiring			
10	double sided working i.e. plus or minus cyls on front surface			LF13
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) See page 105 Companion.	N/A		FTP3
LENS STANDARDS	Working to higher tolerances than BSI/ISO (Not applicable to HD production)			LS18

Resin Surfaced Lenses



				mentary	Comp
Supplementary Lo	ens Charges		SV Price pe	er lens £ Multi	Code
WYL LARGE BLANETER			- 30	With	
Norter or Sporter SV	Increase the effective diameter b	vun to 10mm		N/A	HD26
Nortor or Sportor-SV	Increase the effective diameter b Increase the effective diameter o			N/A	HD27
Ultor or Sportpal Progressive	Increase the effective diameter b		N/A	IW/A	HD02
Office of Sportpar Progressive	increase the effective diameter b	y Tollill of Illax achievable	IN/A		ПРО2
XSS SUPER SMALL DIAMET	ER				
		ed (Resin Norville surfaced lens types only)			HD24
SLAB OFF BI-PRISM		, , , , , , , , , , , , , , , , , , , ,			
SV ISA	Slab prism from 0.50^{Δ} to 6.00^{Δ}	Add to NORTOR		N/A	HD03
FT28 or IRS IRS	Slab prism from 0.50^{Δ} to 6.00^{Δ}	Add to Bifocal	N/A		HD04
Ultor ISP	Slab prism from 0.50^{Δ} to 6.00^{Δ}	Add to ULTOR	N/A		HD05
(Prism split over both lenses to	obtain 6.00 ^Δ unless specifically requ	ested otherwise)			
LENS FORM					
Surfaced to a specific base curv	ve when available from stock range		N/C	N/C	
Extended base curve requiring	double side lens surface working			N/A	LF12
POWERS					
All HD lens types	Up to 3.00DC over stated ranges				HD09
	3.25 to 6.00DC over stated rang				HD25
	6.25DC and over stated ranges	where possible			HD40
PRISM & HIGH PRISM					
All HD lens types		rentional surfaced prism pricing See page 129			HD10
SLIM EDGE PRODUCTION S.	E.P. (ORIGINALLY RECRE)				
Available on all HD lens types				N/A	HD11
	uce edge substance, available plus o	r minus powers			
HD CUSTOM DESIGNED LEN					
(Where lens material/type not	otherwise listed in the lens form desi	red - where technically possible)			
	Any HD SV (Single focus)			N/A	HD29
	Any HD Multifocal (Twin focus	s)	N/A		HD12
	Any HD Bifocals (IRS - HSA)		N/A		HD19
	Any HD Progressives	All - add to surfaced SV base lens	N/A		HD14
(UP/DOWN TRIFOCALS)	Single IRS - HSA add to base le	ns	N/A		HD33
(017201111111111101111111111111111111111	Single Ultor add to base lens		N/A		HD34
	Double IRS add to surfaced SV l	hase lens	N/A		HD35
	Double Ultor add to surfaced S'		N/A		HD36
	CombiPal Ultor add to bifocal b		N/A		HD39
ATORIC DIGITAL INNER SUR					
	face to any conventional SV, Bifocal o	or Varifocal	N/A		HD21
(HIGH ADD BOOST)	•				
Increase add power available of	on conventional bifocal or varifocal b	y +0.50 to +8.00 in 0.25 steps	N/A		HD20
ODD CORRIDOR LENGTHS					
Specify different corridor length	ns, right and left. Available on Ultor F	ID & Vector progressives only.	N/A	N/C	HD22
VARIABLE READING INSETS					
Available on free-form progress	sive lens types. 0 to 5mm in 0.50mm	steps	N/A	N/C	HD23
IRS BLENDED RD - NON LIST	TED SEG SIZES				
Vary the bifocal size on IRS Bifo	ocal 15mm - 60mm (in addition to IR	S 28/40 lens cost)	N/A		HD30
BI PRISM SLAB OFF	All resins (free-form production)	additional to base lens charge per pair			LE16
10	, <u>p </u>				
			1	1	1



Specialist Glazing/Fitting Resin Lenses

supplementary zero	s Charges		Charge £ Per Lens	Comp Code
PLASTIC / METAL	Full rim	Resin	N/A	
	$^{3}\!\!/_{4}$ rim open at temporal	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)	Resin		SU24
	In-Line Wire / Inverted Supra or special combination (B)	Resin		SU26
SUPRA EXTRAS				
(add to standard price)	Replacing Old Nylon			SU28
	Replacing Full Gallery Nylon			SU29
	Modifying Depth of Lens Only			FM62
	Making a new former shape where dummy lens not supplied			FM63
RIMLESS	New Rimless (R)	Resin		RM31
	Reglaze	Resin		RG31
	Glued Rimless (D)	Resin		RS32
	Specialist Rimless requiring milling, MEI (L)	Resin		ME50
RIMLESS LENS EXTRAS	Standard machine edge polish		N/A	
(add to standard price)	High gloss hand polish		I WA	RM33
(add to standard price)	Modifying size all round			FM64
	Hand Made Former/Modifying shape in only one direction			FM65
	Grooving			RM36
	Colouring			RM37
	Hand Facetting			RM38
RIMLESS COMPONENT EXTRAS	Soldering extra long fittings - per fitting			RM34
(add to standard price)	Replace/fit screws, washers and locknuts - (per set)			RM39
(add to standard price)	Replacement Rimless Plugs - (per set)			RM40
	Special Order Components	Quote Req'd		INIVIAC
WRAP SPORTS/SUN FRAMES	Full Rim (O)			 WR56
WRAF SPORTS/SON FRANCES	Full Rim with Vented Lens cut outs			WR58
	Half Rim top fitting only (J)			WR57
	Sports Wrap insert Full Rim			WR60
	Sports Wrap insert Full Killi Sports Wrap insert Supra/Inverted			WR61
	Any Norville Sports Frame Insert (outside Rx range in Sports C	atalogue)		WR59
SWIMMING GOGGLES	Any Norville Swimming goggle (outside Rx range in Sports Ca	talogua)		SW56
SWIMMINING GOGGLES	Non-Norville Swimming Goggle requiring proform edge profili	-		SW57
NATURAL FRAME MATERIAL/REAL	GOLD	Resin		NF51
MONOCLE	Dvill and sharefor	Dosin.		NAOE 3
MONOCLE	Drill and chamfer	Resin		M053
	Milled Edge	Resin		MO54
LORGNETTE	Antique folding type	Resin		LO22
SPX REGLAZE	Reglaze any SPX material frame	Resin		 RG20

Specialist Glazing/Fitting Resin Lenses



Supplementary Lens	Charges		Charge £ Per Lens	Comp Code
HALF PAIR MATCHING	Matching fitting parameters on any ½ pair multifocal lens			HP43
(XXS CAMERA/SHOOTING SIGHT)	requiring hand finishing	Resin		CM52
UNIQUE FRAME DESIGN/LENS SHAPE	Non regular lens radius requiring hand finishing	Resin		UF51
	Non regular lens radius achievable by machine finishing	Resin		UF53
PROFILE LENTIC EDGING/POLISHING 5	requiring hand finishing	Resin		PP59
TAPER MACHINE PROFILE/EDGE POLIS	SH)	Resin		TM58
HIGH GLOSS HAND POLISH		Resin		HP58
PRESTO 10	Specialist cut out carrier and powered lens combination	Single Vision Bifocal		TO20 TO21
DIAMANTE 10	Crystal clear or coloured	Single Stone Multi Stones over 5 over 10		DI45 DI46 DI47
FRANKLIN SPLIT BIFOCAL	Charged in addition to component lens prices	Resin		FS60
FRANKLIN SPLIT TRIFOCAL	Charged in addition to component lens prices	Resin		FS62
CUT EDGE AND FIT CUSTOMER'S OWN	N LENSES			
Full information on the lenses to be CEF s	should be supplied at time of ordering.			
All work is undertaken at customer's owr	n risk.			
Norville Group retains the right not to un	•			
	Plastic / Metal Frame	Resin		CE65
	Supra Frame	Resin		CE66
	Rimless / Polymil / Wrap or unusual design	Resin		CE67
CUSTOMER'S OWN LENSES - REMOVII	NG AND FITTING			
	s are removed and refitted into frame for tinting			
	n to the process price. All orders accepted at customer's own risk.			
	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 fra	me		
(In addition to Uncut price)	Plastic / Metal			RE42
	Supra			RE44
	Rimless			RE43



MINERAL LENS SECTION

CROWN GLASS LENSES 1.523 INDEX

WHITE

PHOTOGREY / PHOTOBROWN

SOLID TINTS

GG15

B15

DIDYMIUM

POLARISED

BOOSTER

VERSATILE

IRS BIFOCALS

TRIFOCALS

MULTIFOCALS

WHITE

1.523

Index

58.8

Abbe

2.61g/cm³

••••

56.4

2.43g/cm³

Density

UV

328nm

PGX PBX

Index

1.523

Abbe

Density

338nm GR 345nm BR **UV**

GG15 B15 1.523

Index

49.7

Abbe

2.56g/cm³

Density

GLASS SINGLE VISION

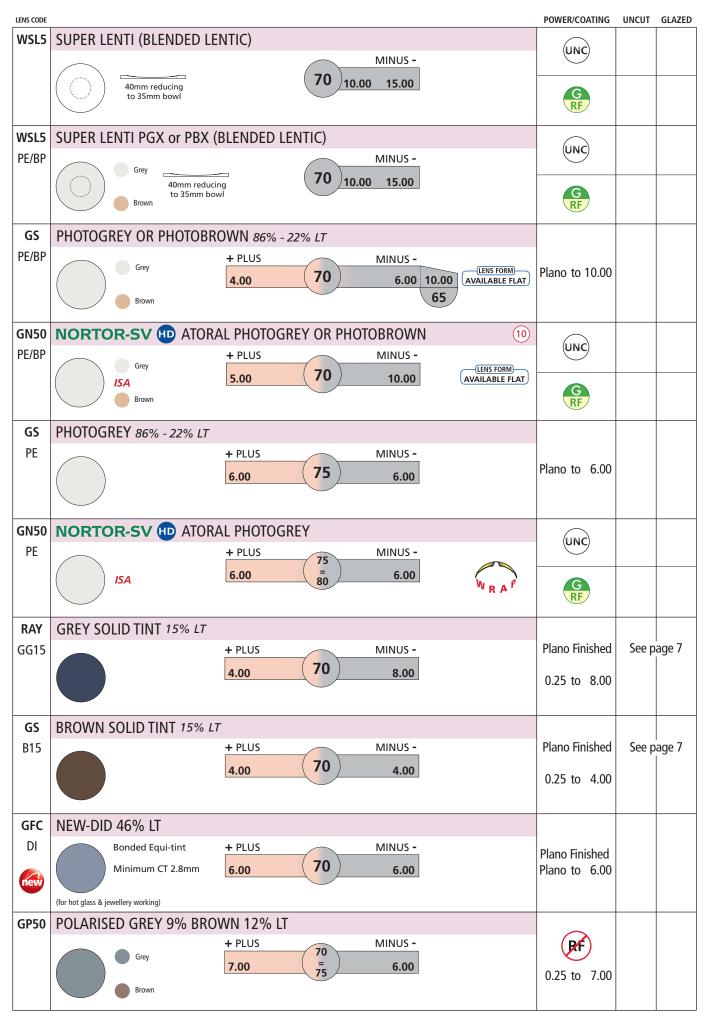


LENS CODE		POWER/COATING	UNCUT	GLAZED
GS	60mm & 65mm			
	+ PLUS MINUS - 4.00 65 6.00	Plano to 6.00	*	
	OPPOSITE CYLS TO 1.00 OPPOSITE CYLS TO 2.00			
GS	70mm			
	+ PLUS MINUS -	DI	*	
	4.00 (70) 4.00	Plano to 4.00	•	
	OPPOSITE CYLS TO 2.00			
GS	PHOTOGREY OR PHOTOBROWN 86% - 22% LT			
PE/BP	+ PLUS MINUS -			
	Grey 4.00 (65)	Plano to 4.00	*	
	Brown OPPOSITE CYLS TO 2.00			
GS	PHOTOGREY OR PHOTOBROWN 86% - 22% LT			
PE/BP	+ PLUS MINUS -			
1 1 1 1	Grey 4.00 (70) 4.00	Plano to 4.00	*	
	Brown			
	OPPOSITE CYLS TO 2.00			
GS	65mm Reducing to 55mm			
	+ PLUS MINUS -	Plano to 12.00		
	9.00 05 12.00 (AVAILABLE FLAT)			
GS	70mm			
	+ PLUS MINUS -	Plano to 10.00		
	7.00 TO TO TO TO TO TO TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TOT	Tiuno to To.oo		
GS	75mm			
	+ PLUS MINUS -	DI		
	6.00 (75) 6.00	Plano to 6.00		
GS	80mm			
	+ PLUS MINUS -			
	4.00 (80) 6.00 (LENS FORM) AVAILABLE FLAT	Plano to 6.00		
GN50	NORTOR-SV (ID) ATORAL (10)			
	+ PLUS MINUS -	(UNC)		
	8.00 6.00 (70) 10.00 (LENS FORM) AVAILABLE FLAT			
	65	G		
GL30	Flat Base Curve see (LENS FORM) supplementary page 141. CUSTOM APERTURE LENTIC (10)			
GLSU	COSTOM APERIORE LENTIC MINUS -			
	(65) 8.00 23.00	8.00 to 23.00		
	Convex Myoplet			
	Please state bowl size and style of flattening			



GLASS SINGLE VISION

1.523



1.523

GLASS BIFOCALS & TRIFOCALS WHITE

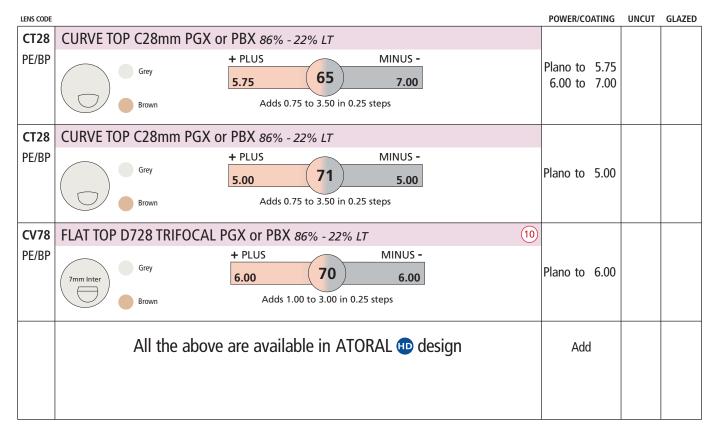


LENS CODE			POWER/COATING	UNCUT	GLAZED
GD28	FLAT TOP D28				
		+ PLUS MINUS - 6.00 Adds 1.00 to 3.00 in 0.25 steps	Plano to 6.0		
GD35	FLAT TOP D35mm				
		+ PLUS MINUS - 6.00 70 6.00 Adds 1.00 to 3.00 in 0.25 steps	Plano to 6.0	0	
CT28	CURVE TOP C28mm				
		+ PLUS MINUS - 6.00 6.00 Adds 0.75 to 3.50 in 0.25 steps	Plano to 6.0		
CV78	FLAT TOP D728 TRIFOCAL	10			
	7mm Inter	+ PLUS MINUS - 6.00 6.00 Adds 1.00 to 3.00 in 0.25 steps	Plano to 6.0		

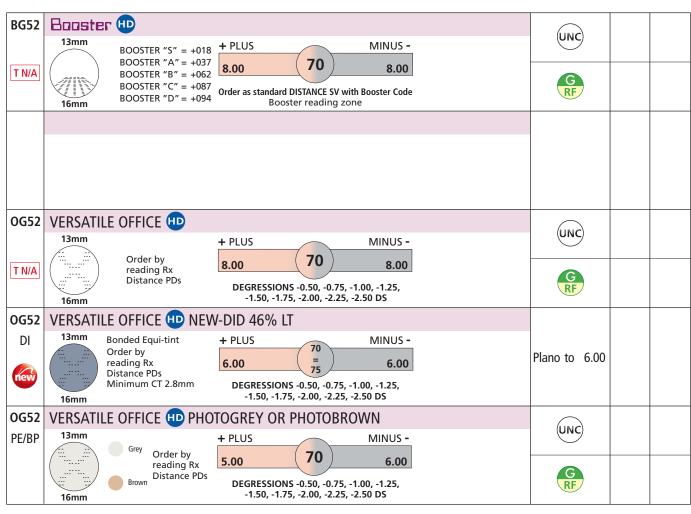
GLASS BIFOCAL PHOTOCHROMICS

GD28 PE/BP		Plano to 6.00	
GD28 PE/BP		Plano to 6.00	
GD35 PE	FLAT TOP D35mm PGX 86% - 22% LT + PLUS 6.00 Adds 1.00 to 3.00 in 0.25 steps	Plano to 6.00	

GLASS BIFOCAL & TRIFOCAL PHOTOCHROMICS



GLASS WHITE & PHOTOCHROMIC FREE-FORM HD DESIGNS

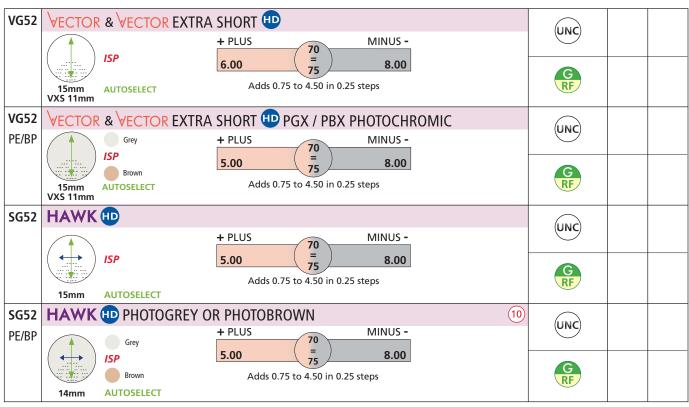






LENS CODE		POWER/COATING	UNCUT	GLAZED
FG52	HD IRS 28mm/40mm BIFOCAL	(III)		
T N/A	+ PLUS MINUS - 8.00 70 10.00 Adds 0.75 to 3.00 in 0.25 steps	(UNC)		
4G52		NF		
GR28	IRS 28mm/40mm BIFOCAL NEW-DID 46% LT			
DI new 40mm	Bonded Equi-tint + PLUS MINUS - 70	Plano to 6.00		
4R28	(for hot glass & jewellery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

GLASS HD PROGRESSIVES

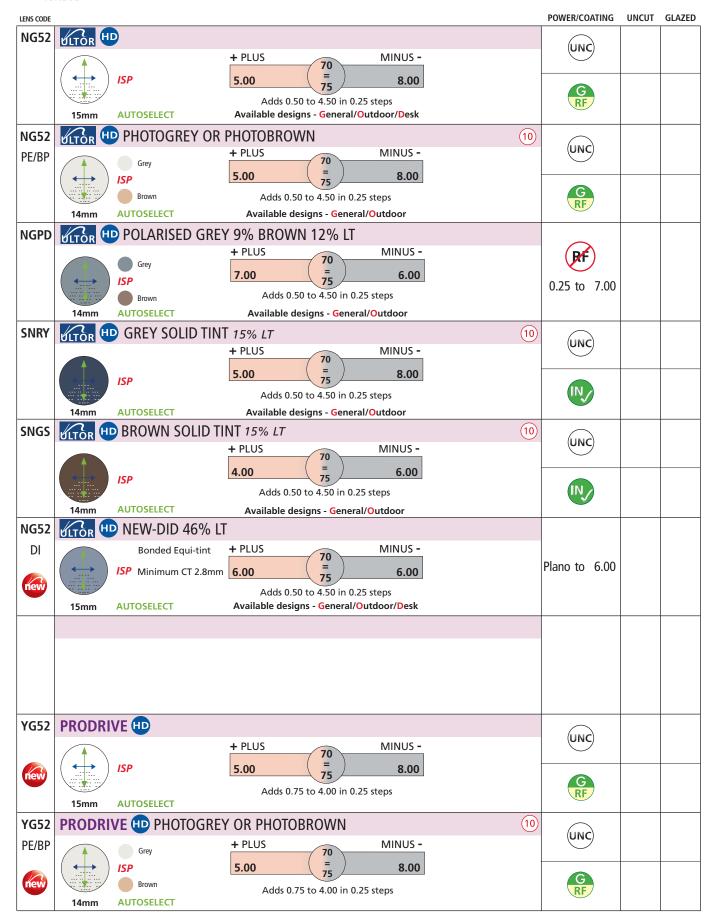


AUTOSELECT - SHORT AND LONG CORRIDOR AVAILABILITY COMPUTER SELECTION DETERMINED BY FITTING HEIGHT SPECIFIED

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

←→ Variable 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

1.60

Index

41

Abbe

2.63g/cm³

325nm

Density

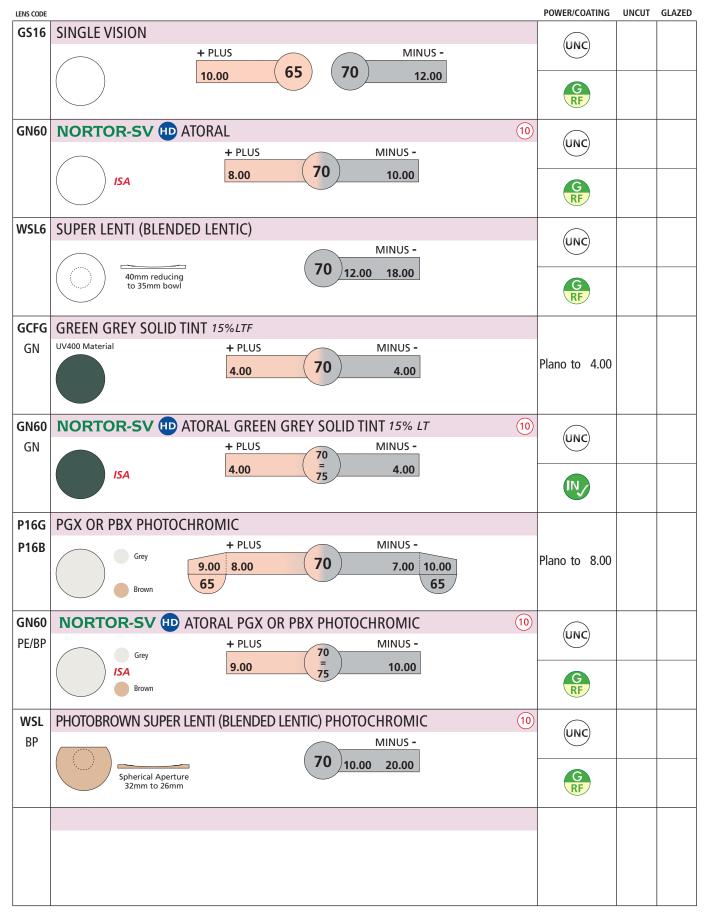
UV

PBX PGX 1.60 1.60 **Index** 42 42 **Abbe** 2.70g/cm³ 2.80g/cm³ **Density** 342nm

UV



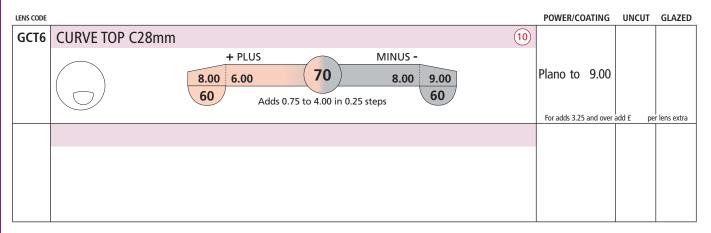
GLASS SINGLE VISION



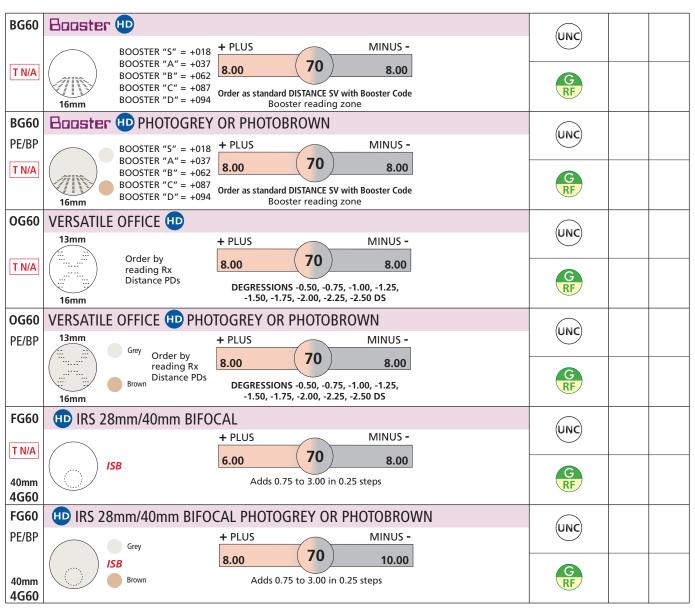
PGX 88% - 32% LT PBX 84% - 27% LT

GLASS BIFOCALS



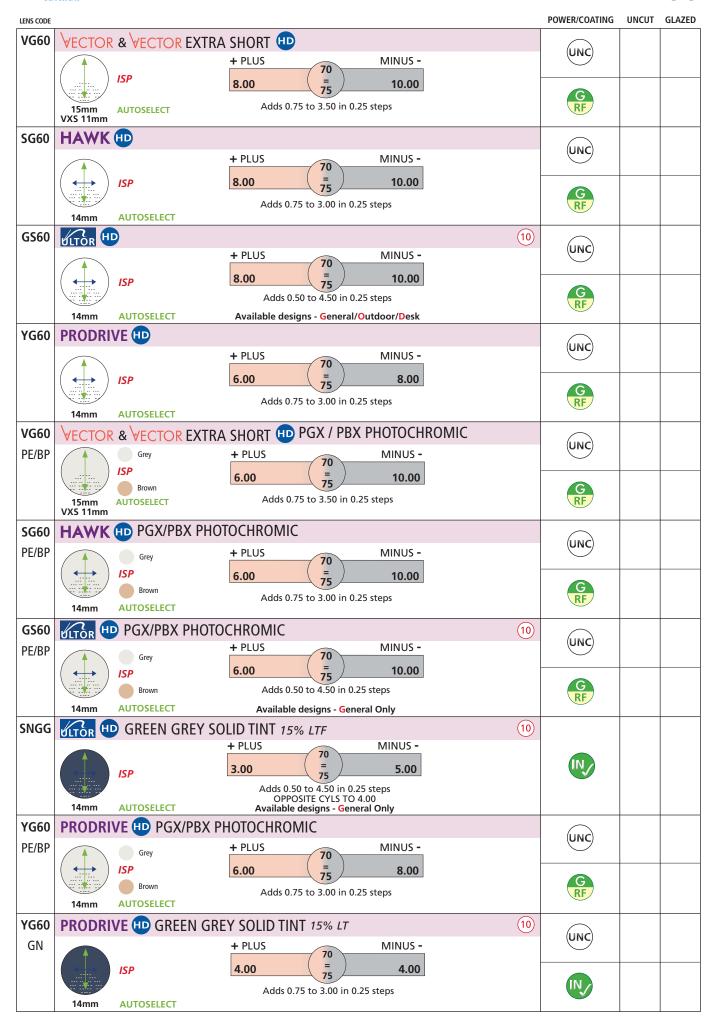


GLASS WHITE & PHOTOCHROMIC FREE-FORM BIFOCAL & DEGRESSIVES



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

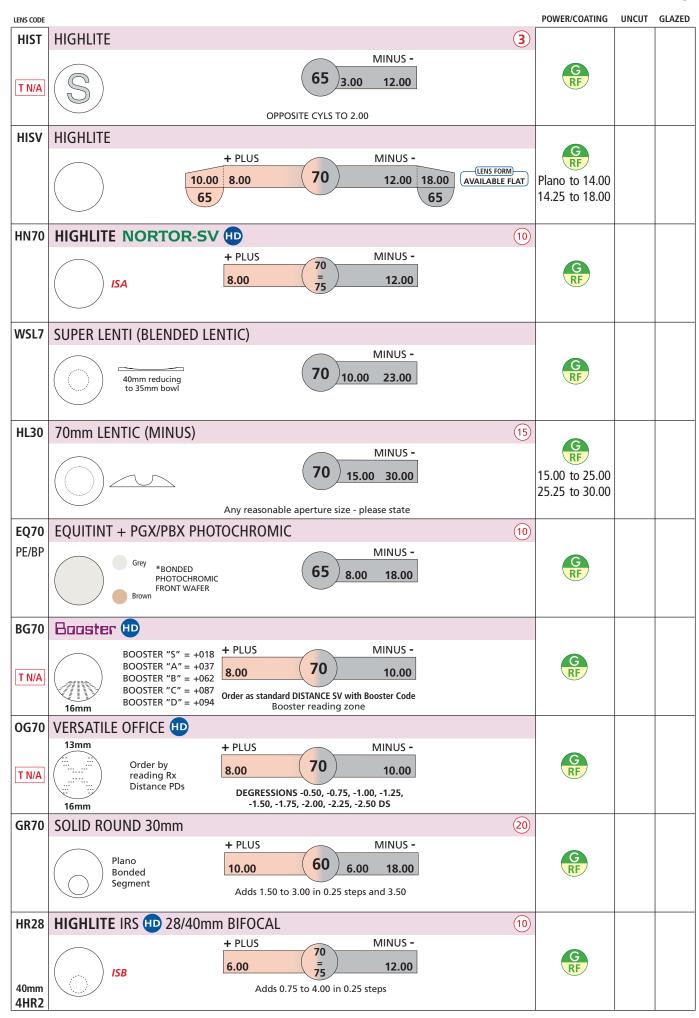
330nm

UV



GLASS SINGLE VISION & BIFOCALS

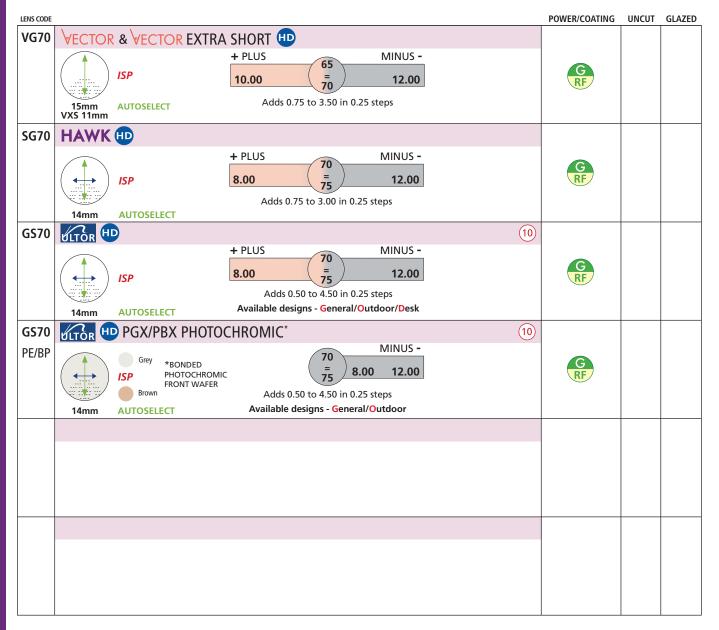
1.70



1.70

GLASS PROGRESSIVES





1.76

GLASS X RAY FILTER



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

Variable 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

34.4

3.65g/cm³

327nm

Index

Abbe

Density

UV

1.89

Index

30.4

Density Abbe

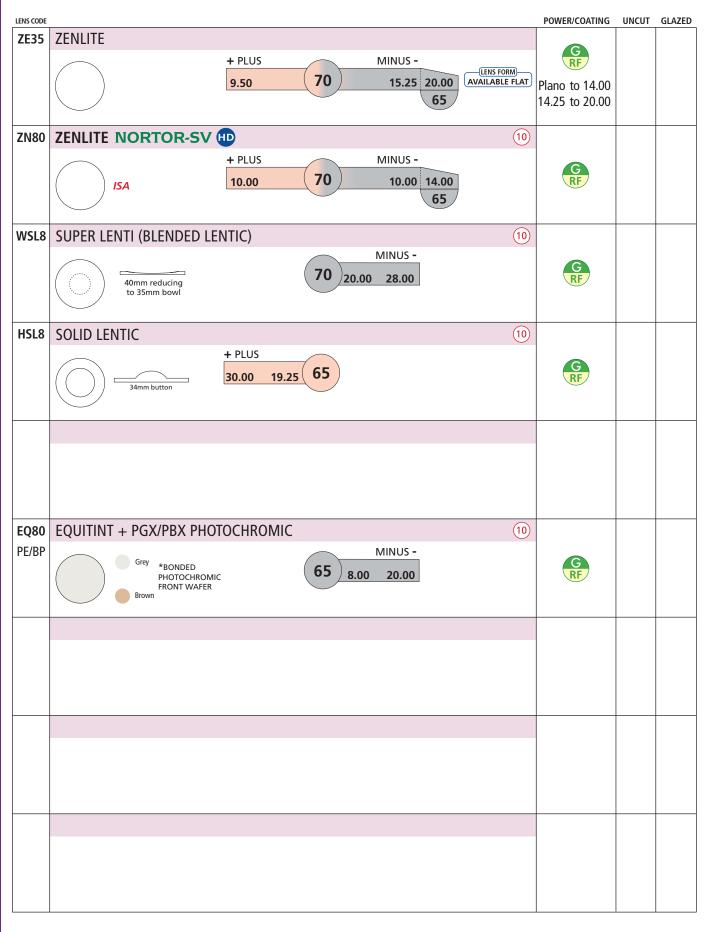
3.99g/cm³

335nm

UV

GLASS SINGLE VISION







GLASS BIFOCALS & PROGRESSIVES

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	GRF		
VG80	VECTOR & VECTOR EXTR. ISP 15mm VXS 11mm AUTOSELECT	A SHORT (HD) MINUS -			
SG80	HAWK HD ISP 14mm AUTOSELECT	MINUS - = 6.00 16.00 Adds 1.00 to 3.00 in 0.25 steps	G		
GS80	ISP 14mm AUTOSELECT	+ PLUS 65 6.00 Adds 0.50 to 4.50 in 0.25 steps Available designs - General/Outdoor/Desk	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				
11113	MINLITE Reducing to 55mm MINUS - 60 12.25 20.00 AVAILABLE FLAT	12.25 to 20.00		
GN90	MINLITE NORTOR-SV (11) ATORAL	G		
	70 6.00 10.00 15.00 65	6.00 to 10.00 10.25 to 15.00		
WSL9	SUPER LENTI (BLENDED LENTIC)			
	40mm reducing to 35mm bowl MINUS - 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	G		
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 G90	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 RF		







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 pr		
Order Code	Index	Price per lens	
INAR	1.523	c	
IN	1.60	E	

Emerald Reflex Colour



- ✓ 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	£

BROWN (LT)







GREY (LT)







GLASS VACUUM COATING OPTIONS CHART

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

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

*Note: Glass solid tinted lenses also available see pages 135, 139, 141 and 143

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

Price per lens

£

£

Mirror Colour Index 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** Red - RM Application to Solid Tint BROWN 1.523 15% LT **Brown** Yellow - YM Purple - PM Base Application to White Lens + GT Brown colour coat + Mirror + (N)

151

Glass Conventional Surfaced Lenses



Supplementary Lea	ns Charges	Price pe	er lens £	Comp
Supplementary Let	additional to lens charge	SV	Multi	Code
WORKED PRISMS	Up to $4.00^{\scriptscriptstyle \Delta}$			PR01
10	4.25^{\triangle} to 6.00^{\triangle}			PR02
(Where possible from	6.25^{\triangle} to 9.00^{\triangle}			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 $^{\triangle}$ and over - where possible			PRS1
(CYLINDERS)	Up to 6.00DC	N/A	N/A	
(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
POWERS	Extending sphere power beyond stated catalogue range			
TOWERS	where available from a standard blank Outside range: 0.25 - 3.00D			PW09
	3.25 - 6.00D			PW10
	6.25 - 10.00D			PW12
	10.25D and over			PW13
	10.23b and over			FWIS
10	Extended sphere power when an extra thick special			
	(over 3.00D) 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		N/A	
(10)	Surfaced to a specified base curve (non stock) requiring		N/A	LF13
	double sided working i.e. plus or minus cyls on front surface		14//	
	double stack working i.e. plus of fillings cyts off front surface			
FROSTING	Frosting surfaced resin lens type			LF15
	(Plano frosted & black occluder lenses available - see page 7)			
	, , ,			
VERY REDUCED	Surfaced GLASS wafer where diameter is			
DIAMETER LENSES	45mm or smaller (e.g. camera sight - positive Rx only)		N/A	WAF15
5				
BI PRISM SLAB OFF	Glass all indices			LE17
10				
(ISEIKONIC LENS)	Worked to single vision surfaced option (where possible)		N/A	IC20
	vvoikeu to siligie vision surfaceu option (where possible)		IN/A	1020
(10)				



Specialist Glazing/Fitting Glass Lenses

Supplementary Lens (Charges	Charge £ Per Lens	Comp Code
PLASTIC / METAL	Full rim	N/A	
(HALF EYE / SHALLOW FRAME)	Depth of 20 mm or less requiring hand edging		HE50
SUPRA	Nylon Cord (S)		SU25
SUPRA EXTRAS	Replacing Old Nylon		SU28
(add to standard price)	Replacing Full Gallery Nylon Making a physical former shape where dummy lens not supplied		SU29 FM63
(NATURAL FRAME MATERIAL/REAL GC	LD		NF52
LORGNETTE	Antique folding type		L023
HALF PAIR MATCHING	Matching fitting parameters on any ½ pair multifocal lens		HP43
(XXS CAMERA/SHOOTING SIGHT) (reduced diameter surfacing charge may	Requiring hand finishing be applicable - see page 141)		CM53
UNIQUE FRAME DESIGN/LENS SHAPE	Non regular lens radius requiring hand finishing		UF52
(ANTIQUE SPECTACLE FRAMES)	At customers own risk		
GLASS SANDWICH BONDING	Bonding additional to components of the two lenses (tinted/photochromic where possible)		
GLASS BONDING AND EDGING Used for diving mask and specialist Lenti	Profile edging mineral lenses requiring hand finishing including bonding cular assembly (reduced diameter charge may be applicable - see page 152)		B064
FRANKLIN SPLIT BIFOCAL FRANKLIN SPLIT TRIFOCAL	Charged in addition to component lens prices Charged in addition to component lens prices		FS61 FS63
CUT EDGE AND FIT CUSTOMER'S OW			
Full information on the lenses to be CEF: All work is undertaken at customer's own			
Norville Group retains the right not to un	dertake any order it deems unsuitable. Plastic / Metal Frame		CG65
	Supra Frame		CG66
CUSTOMER'S OWN LENSES - REMOVI			
	s are removed and refitted into frame for tinting n to the process price. All orders accepted at customer's own risk.		
or coating process. This price is in addition	Plastic / Metal Frame		RTGM
	Supra Frame		RTGS
We regret we are un	able to currently offer a remote shaping service for glass lenses.		

Glass Surfaced Lenses



Cumplementer	long Chargos		mentary er lens £	Comp
Supplementary l	Lens Charges	SV	Multi	Code
XXL INCREASED EFFECTIV	E DIAMETER			
Nortor or Sportor-SV	Increase the effective blank diameter up to 10mm		N/A	HD26
	Increase the effective blank diameter over 10mm where possible		N/A	HD27
Ultor or Sportpal Progressive	Increase the effective diameter to max achievable	N/A	1071	HD02
ontor or sportpar riogressive	increase the effective diameter to max define asia	10// (11002
SUBSTANCE REDUCTION				
SLIM EDGE PRODUCTION	S.E.P. (PREVIOUSLY RECRE)			
Blend edge reduced aperture	with reduced edge thickness. Single vision only		N/A	HD11
BESPOKE LENS DESIGN				
ATORIC DIGITAL INNER SU	REACE			
	urface to any conventional SV or Bifocal	N/A		 HD21
HIGH ADD BOOST	arrace to any conventional 5v of bilocal	IW/A		11021
	vailable on conventional bifocals or varifocals	N/A		HD20
ODD CORRIDOR LENGTHS		IN/A		11020
	gths, right and left. Available on Ultor & Vector progressives only.	N/A	N/C	HD22
VARIABLE READING INSET	, , , ,	IN/A	IN/C	
	r progressive lens types. 0 to 5mm	N/A	N/C	HD23
EXTREME INSET PLACEME	<u>. </u>	IN/A	IV/C	ПО23
Grossly decentered ±20mm	NI)	N/A		
IRS BLENDED 28/40mm R	OLIND RIFOCALS	IV/A		
	ifocal 15mm - 45mm (in addition to IRS lens cost)	N/A		HD30
(HIGH CYLINDERS)	nocal 15hilli - 45hilli (ili addittori to 11/5 lens cost)	IN/A		וטכטוו
All HD lens types	Up to 2.00DC over stated range			HD09
Limited range	2.25 to 4.00DC over stated range			HD25
Limited range	4.00DC and over where achievable			11023
PRISM	4.00DC and over where achievable			
All HD lens types	Glass max prisms 5^{Δ} charged as conventional surfaced pricing See page 152.			HD10
HD CUSTOM DESIGNED LE				
	t otherwise listed in the lens form desired - where technically possible)			
(Where lens material/type no	Any HD SV (Single focus)		N/A	 HD29
	Any HD Multifocal (Twin focus)	N/A	IN/A	HD12
	Any HD Bifocals (IRS - HSA)	N/A		HD19
	Any HD Progressives All - add to surfaced SV base lens	N/A		HD14
	All - add to surfaced 3V base letts	IV/A		11014
(UP/DOWN TRIFOCALS)	Trifocals: Single IRS add to base lens	N/A		HD33
OT/DOWN TRITOCALS	Single Ultor add to base lens	N/A		HD34
	Double IRS add to surfaced SV base lens	N/A		HD35
	Double Ultor add to surfaced SV base lens	N/A		HD36
	CombiPal Ultor add to bifocal base lens	N/A		HD39
	Compiral ofter add to procar pase lens	IN/A		פנטח



Frames - Modification and Repair

NORVILLE HARROGATE

Code	£	per unit (nett)
	Laser Micro Welding Service	
RW	Regular metal spectacles	
TW	Titanium spectacles	
LW	Platinum spectacles / carat Gold / jewellery / watches / dental	
	(NORVILLE EYEWEAR FRAMES)	
Code		£ per unit (nett)
FA	Any basic frame modification, repair and adjustments not including new parts	
	unless listed hereunder or other unique process, subject to separate quotation	
Code	METAL FRAMES	£ per unit (nett)
SNP	Solder using new parts	, , ,
SNS	Supply & fit new side (nearest)	
SST	New side tips only fitted	/ Pair
RM	Total refurbishment (new pads / tips / screws / complete clean)	
MCS	Convert metal frame to curl sides and supply silicone curl.	/ Pair
NCS	Replace silicone curl	
MSS	Shorten side, re-bend and refit tips	/ Pair
RMS	Repair spring side	7.7.4.1
Code	(METAL SUPRA FRAMES	£ per unit (nett
NSC	Nylon supra conversion	
NNC	New nylon cords	
NGN	New gallery nylon	
RS	Total refurbishment (new pads / tips / screws / nylons / complete clean)	
Code	METAL RIMLESS FRAMES	£ per unit (nett)
RLP	Solder longer pins	/ per pin
	Note: If rimless with lenses fitted solder plus fee for dismantling and reassembly	
RR	Total refurbishment (new pads / tips / screws / complete clean)	
		I
Code	(PLASTIC FRAMES)	£ per unit (nett)
PCS	Convert to supra	
RP	Total refurbishment (complete clean - polish / set up)	
PSS	Shorten sides - cut & reform & polish acetate tip	/ Pair
PES	Shorten sides - cut with sealed end tip	/ Pair
PBB	Bump bridge	
PSB	Stretch bridge	
PMP	Metal pad arms & strap bridge to plastic	
SP	Silicone pads to plastics	
RPS	Repair spring side	
SFT	Supply & fit tie ends	/ Pair
SFC	Supply & fit curl sides	/ Pair
Code	SPECIALIST SERVICES	£ per unit (nett)
PP	Supply & fit ptosis prop	
LL	Supply & fit lundi loop	
I	Supply & fit side shield (stock fitting)	
SH		
	Supply & fit custom side shield	
SH CSH EC	Supply & fit custom side shield Supply & fit eye cup	
CSH		
CSH EC	Supply & fit eye cup	

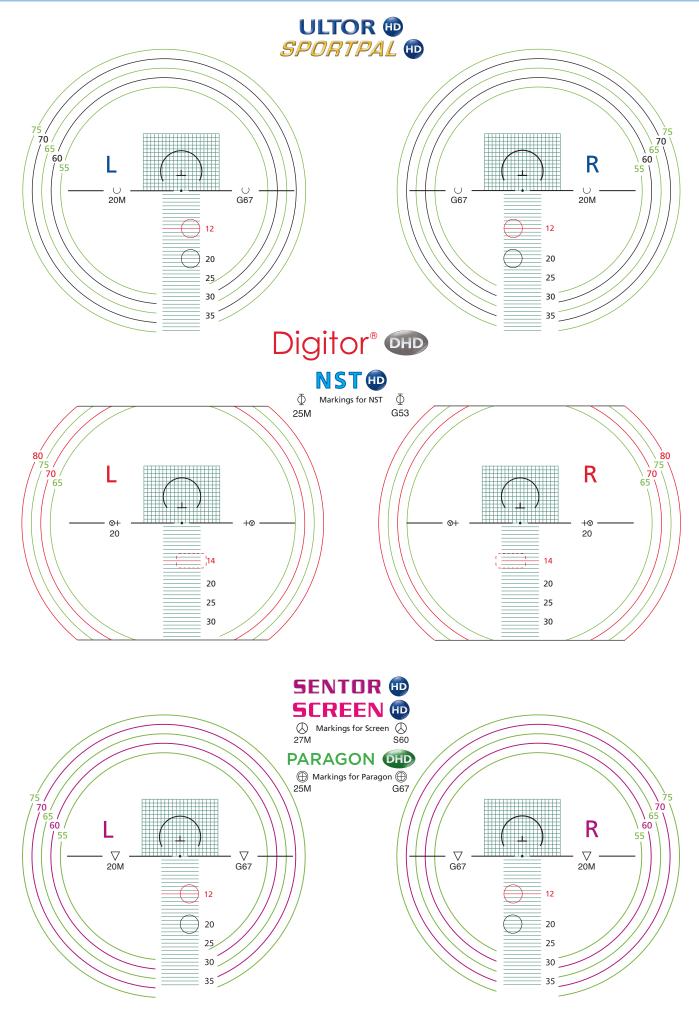
All repairs undertaken at customer's own risk. All prices exclude VAT / Postage and Packing

You are welcome to enclose lenses with your frame repair, however as these will need to be removed, cleaned and refitted we shall make a handling charge of £ per pair for this service (not applicable where total spectacle refurbishment is requested).

Quotes available pre-repair/conversion, on request.

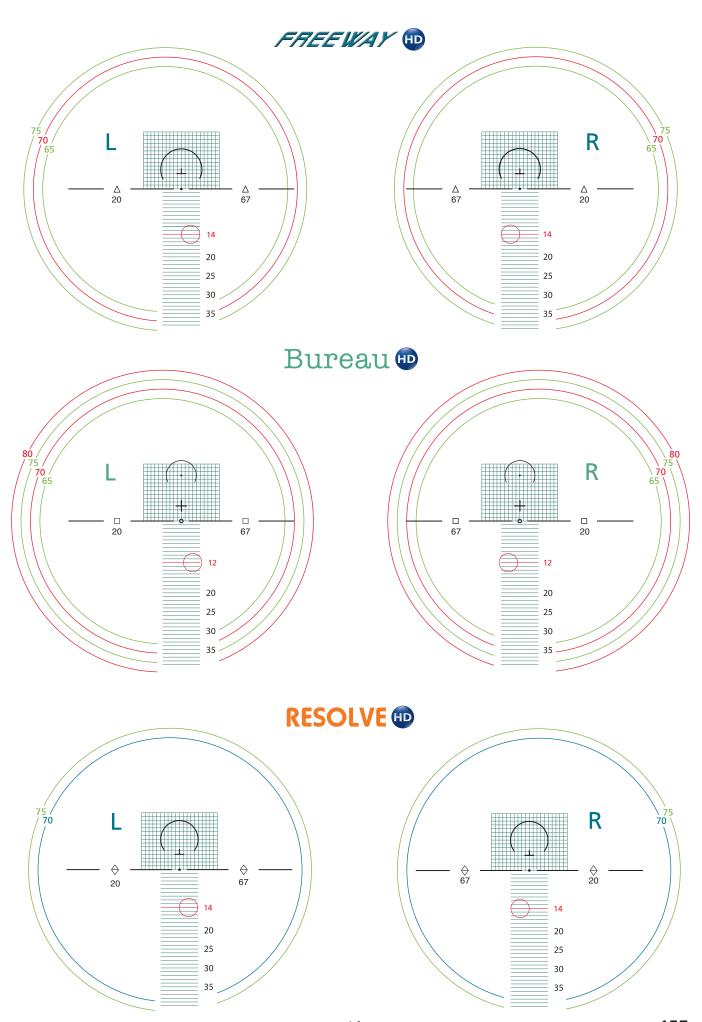


Progressive Lens Remarking Templates



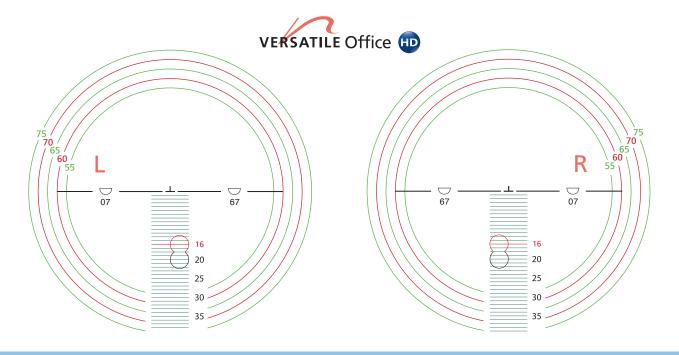
156

Progressive Lens Remarking Templates

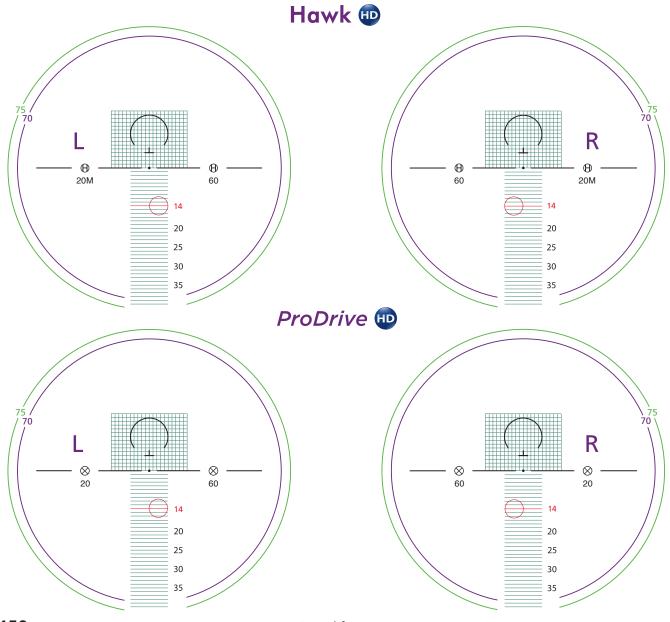


157

Degressive Lens Remarking Templates

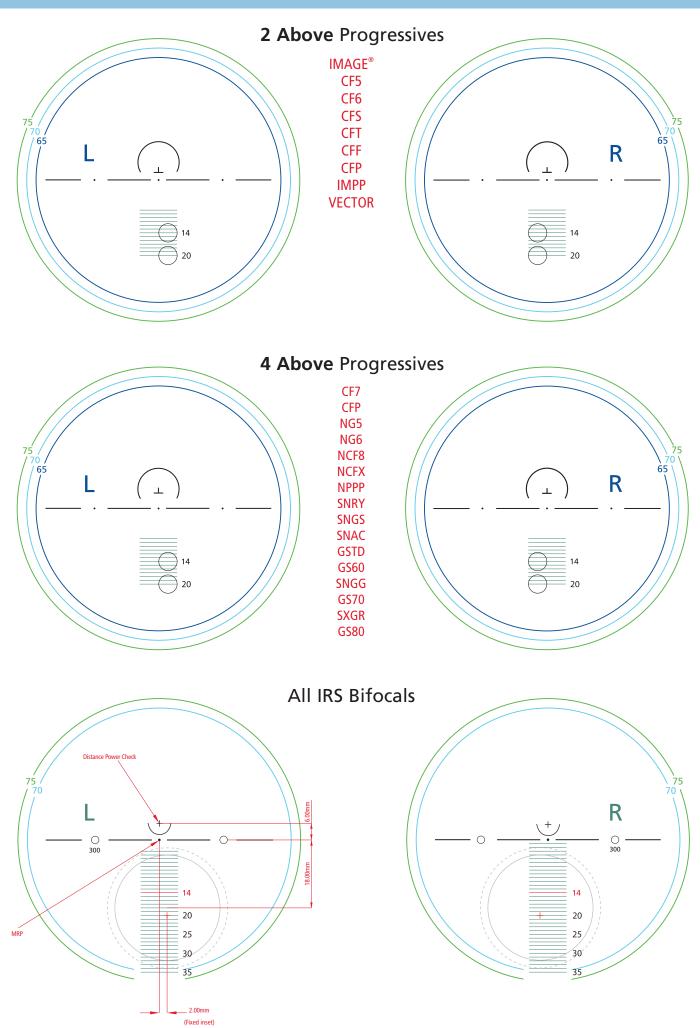


Progressive Lens Remarking Templates - Mineral



158 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
- 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 130).
- 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.

- 5. 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.
- 7. 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 161).
- 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

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

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):

beingation (odesing) between 50 millions 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; 9.6.3 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

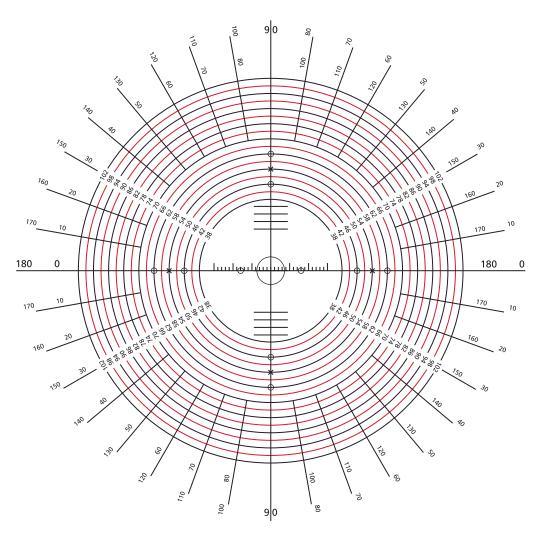
12.10 The Contract and these Conditions and any dispute or claim arising out of or in connection with their subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with the laws of England and Wales, and each party irrevocably agrees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



Centre eyeshape. Then move the frame by any specified decentration but in the opposite directions I.E. out for In, Down for Up etc. Read off minimum effective diameter. Add 2mm + 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

Harrogate Chatsworth Road, Harrogate, N. Yorks HG1 5HX

Phone: 01423 567533 • Fax: 01423 525327

Email: harrogate@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

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, Harrogate & Seaham

Online Ordering. www.norville.co.uk



GLOUCESTER Service House, Magdala Road, Gloucester GL1 4DG

Phone: 01452 528686 Fax: 01452 411094 Email: rxsales@norville.co.uk

www.norville.co.uk