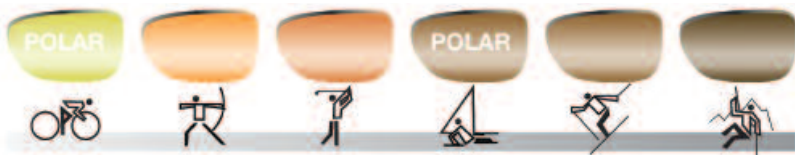


SPORTS SOL-utions

TINTED LENSES ADAPTED TO YOUR SPORT



6 tints designed for every sport: improve your sporting performance. While participating in sport concentration and quick reactions are essential - but could your eye protection improve your game?

With this in mind Essilor has created a range of tinted and polarizing lenses specifically designed for every sporting activity. Filtering out glaring blue light while preserving good colour perception, Sports SOL-utions lenses provide you with optimal visual accuracy and comfort.

Today, around a third of our leisure activities involve the great outdoors, from walking to the more extreme sports. Whilst the general needs of a spectacle wearer can be summarised as protection and correction, how these needs are fulfilled varies greatly and can depend upon the type of sport or activity involved. It may be achieving a perfect swing or an outstanding ace, locating fish at the bottom of the river or avoiding obstacles whilst mountain biking.

When involved in sport, 80% of the information we collect comes from our eyes. Many sports rely on clarity of vision, so the right choice of visual equipment is essential. Essilor is well aware of these needs and changing lifestyles and has developed Sports SOL-utions.



COLOUR PERCEPTION

Using a filter to cut out the blue light isn't a problem in itself but it does have its own drawbacks. Tints which cut out blue light can distort colour perception leading to loss of information and visual fatigue. Essilor's Sports SOL-utions tints all comply with European standards regarding road signals. They filter out blue light without distorting the perception of colour and the wearer won't experience any loss of information or visual fatigue.









GLARE REDUCTION

Some sporting activities are carried out in conditions where reflected light on horizontal surfaces reduces visual comfort and can even become a hazard. Polarising filters have been used to improve visual comfort whenever glare is a problem.



BLUE LIGHT

We have recently seen an increased awareness of issues concerning blue light. Blue light is the part of the visual spectrum which is most scattered within the eye itself, resulting in a veiling glare that can mask the vision and inhibit visual comfort. By filtering this blue light, we can achieve improved visual contrast and increased visual acuity.

LENS	SUN CATEGORY	BLUE LIGHT FILTERED	ABS	KEY FEATURE	DAYTIME DRIVING	SPORT	TECHNICAL FEATURES
 INUIT POLARISING: YELLOW	2	98%	70%	POLARISED	YES	ANGLING, DRIVING AND ROAD CYCLING	MATERIAL AIRWEAR INDEX (NE): 1,59 DENSITY (G/CM3): 1,20 ABBE NUMBER (VE): 31 UV PROTECTION: 100% PRESCRIPTIONS SPORTS SOL-UTIONS: SINGLE VISION LENSES BASES 2.00, 4.00, 6.00 AND 8.00 SPHERICAL FRONT SIDE SPH -8.00 D TO +6.00 D, CYL 4.00 D COATINGS HARD COAT AS STANDARD HMAR CONCAVE SIDE RECOMMENDED
 APACHE: ORANGE	2	92%	63%	OPTIMISES CONTRAST	YES	TARGET SPORTS, ARCHERY AND HUNTING	
 MASTER: BROWN	2	94%	76%	COPE BETTER WITH VARIATIONS IN BRIGHTNESS	YES	TENNIS AND GOLF	
 MISTRAL POLARISING: BROWN	3	93%	84%	POLARISED	YES	SAILING	
 TOUAREG: BROWN	3	95%	88%	COLOUR PERCEPTION	YES	HIKING, ROCK CLIMBING	
 SHERPA: BROWN	4	95%	98%	PROTECTION FROM INTENSE UV	NO	HIGH ALTITUDE	

Essilor believe that the Sports Sol-ution Range is an important addition to the portfolio of any dispenser as for the client; it will deliver precisely the right optical solution for their chosen sport.