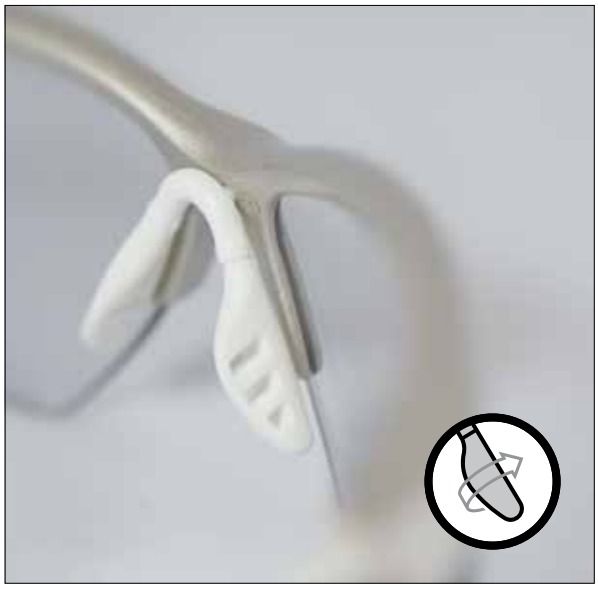
FRAME TECHNOLOGIES

The many individual parts that go together to make a pair of sunglasses have to be perfectly coordinated with each other. To achieve this, we bring together some apparently contradictory requirements: stability and a lightweight construction, functionality and affordability, protection and comfort.
Our sports glasses boast precision adjustability and high-end technologies to meet the demands of all outdoor activities, and are optimised for these requirements down to the very last detail.

TWIST FIT NOSE 2.0

The Twist Fit Nose 2.0 is a clever refinement of the existing Twist Fit Nose. As well as nose pads which can be rotated to a number of positions, the angle between the two nose pads can now also be adjusted, enabling the wearer to match them to any irregularities in the shape of their nose. Taking comfort to a new level!



TWIST FIT NOSE

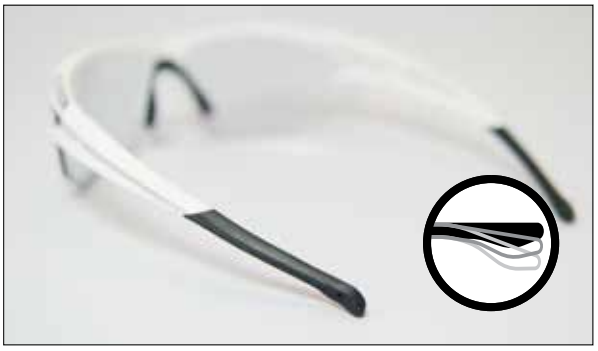
Rubberised nose pads which can be adjusted in small steps to fit the individual shape of the nose.

ADAPTABLE NOSEPAD

Rubberised adjustable nose pads to ensure a good fit for any width or shape of nose. The rubber effectively prevents slipping and guarantees a secure fit.

ADJUSTABLE INCLINATION

The articulated arms allow the glasses to be tipped away from the forehead during strenuous ascents and tilted back to reduce draft on the way down. For performance with clear vision at all times.

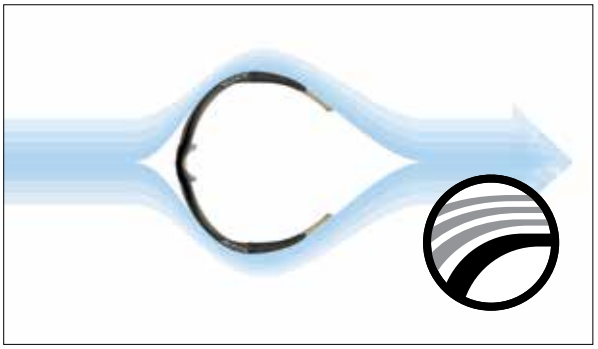


COLDFLEX

The bendable arm tips are made of non-slip silicon and can be adjusted to suit the wearer and their individual demands.

2-COMP

The combination of hard frame, soft rubberised arm tips and nose pads enhances the fit and comfort of the glasses.

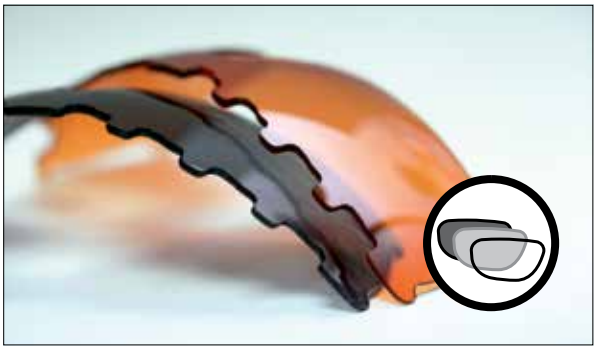


OPTIMIZED AIRFLOW

A curved lens combined with indirect air flow ensures draft-free enjoyment of high-speed outdoor sports with fog-free vision.

FLEXIBLE FRAME

Eyewear with the Flexxy frame are very flexible and can put up with a lot of punishment. Flexible frames are mainly used in children‘s eyewear.



MULTILENS

The Multilens glasses (Tri models) come with three interchangeable lenses: clear for poor weather, orange for diffused light and dark for bright sunshine. With Multilens glasses you‘re always properly prepared, whatever the weather. All Tri glasses are supplied with a case to keep the lenses safe.

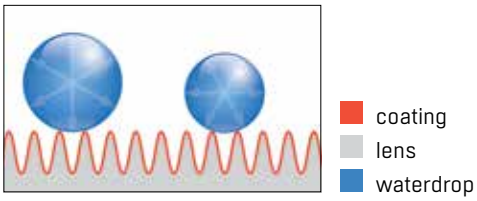
TWIST FIX

With this mechanism swapping lenses is child‘s play. Just click on a small lever at the arm joint and pull the lens down to remove it.

LENS TECHNOLOGIES

hydrophobic lens

The hydrophobic, i.e. water-repellent, nanostructure of the lens causes water to form into beads and roll away in the blink of an eye, taking any dirt with it. This not only leaves the lens clean but instantly dry as well.



⊕ fogstop

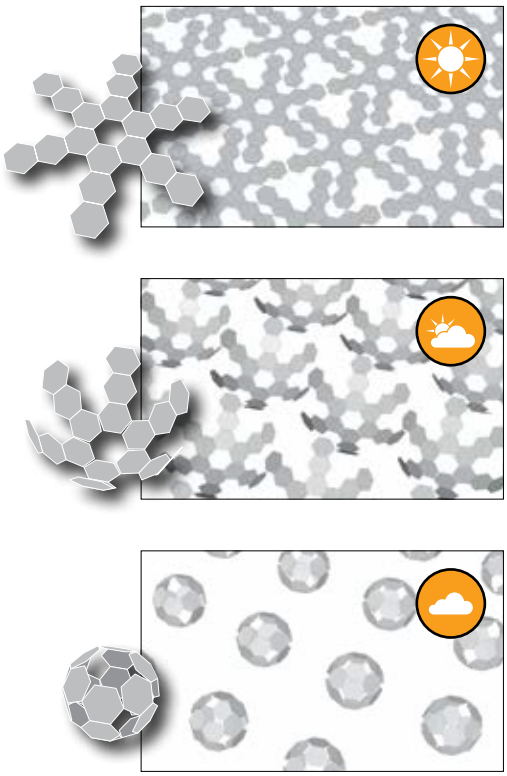
Fogstop is a coating applied to the inside of the lens. It is not smooth but rough – seen through a microscope it looks quite fissured. This makes it impossible for moisture droplets to form a covering layer, i.e. to mist up the lens, impairing visibility. This could only occur if the humidity level was such that all the fissures are filled with water. But before this can happen, the stored moisture actually condenses, keeping the lens clear.

with FOGSTOP

without FOGSTOP

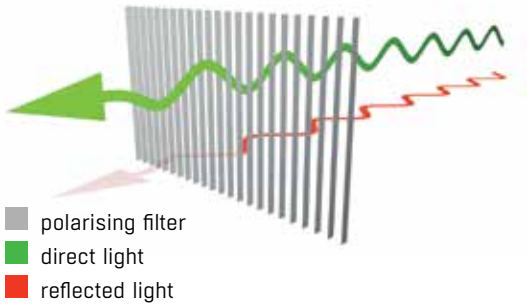
VARIOFLEX

Varioflex is a lens technology which allows glasses to adapt to the weather conditions. The self-tinting photochromic lenses react to UV light, which causes chemical components within them to turn towards the source, producing a shading effect. When the UV light source diminishes, the lenses become lighter again. The process takes place in a matter of seconds, giving you glasses that are always adjusted to the changing light conditions.



POLARIZED

These glasses have polarising lenses: they filter the light and only allow beams from direct light sources through. This eliminates reflexions and dazzling so the eye is not distracted by them. Polarised glasses are therefore extremely suitable for sports near and on water and for golf.



with polarising filter

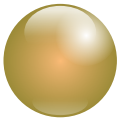
without polarising filter

LENS COLOUR

Lens Technologies Lens Colours		Pro- tection level						Description
VARIOFLEX mirror+ blue		S1-S4	◆	◆	◆	◆		Self-tinting - adjusts to light conditions; Covers four protection levels; Suitable for glacier and high altitude; Mirrored; Infrared protection; Medium to intense light protection; Fogstop coating
VARIOFLEX mirror+ blue		S1-S3		◆	◆	◆	◆	Self-tinting - adjusts to light conditions; Covers three protection levels; Mirrored; Infrared protection; Medium to high light protection; Fogstop coating
VARIOFLEX+ black		S1-S3		◆	◆	◆	◆	Self-tinting - adjusts to light conditions; Covers three protection levels; Medium to high light protection; Fogstop coating
VARIOFLEX+ orange		S1-S3		◆	◆	◆		
VARIOFLEX black		S2-S3		◆	◆	◆		Self-tinting - adjusts to light conditions; Covers three protection levels; Medium to high light protection
VARIOFLEX orange		S1-S2			◆	◆	◆	Self-tinting - adjusts to light conditions; Covers three protection levels; Medium light protection
POLARISATION mirror black		S3		◆	◆			Polarisation filter for contrast enhancement; Mirrored; High light protection
POLARISATION black		S3		◆	◆			Polarisation filter for contrast enhancement; High light protection
CERAMIC mirror+ red		S4	◆	◆				Heavily mirrored for intense light; Infrared protection; Intense light protection; Suitable for glacier and high altitude; +models with Fogstop coating
CERAMIC mirror+/ CERAMIC mirror black		S4	◆	◆				
CERAMIC mirror+/ CERAMIC mirror black		S3		◆	◆			Heavily mirrored for intense light; Infrared protection; High light protection; +models with Fogstop coating
CERAMIC mirror+/ CERAMIC mirror blue		S3		◆	◆			
CERAMIC mirror+/ CERAMIC mirror red		S3		◆	◆			

TRANSMISSION: S0 = 80-100% · S1 = 43-80% · S2 = 18-43% · S3 = 8-18% · S4 = 3-8%

LENS COLOUR

Lens Technologies Lens Colours		Pro- tection level						Description
CERAMIC mirror+/ CERAMIC mirror green		S3		◆	◆			Heavily mirrored for intense light; Infrared protection; High light protection; +models with Fogstop coating
CERAMIC mirror green		S4	◆	◆				Heavily mirrored for intense light; Infrared protection; Intense light protection; Suitable for glacier and high altitude
CERAMIC mirror pink		S3		◆	◆			Heavily mirrored for intense light; Infrared protection; High light protection
CERAMIC mirror orange		S3		◆	◆			
CERAMIC mirror brown		S3		◆	◆			
CERAMIC mirror gold		S3		◆	◆			
CERAMIC mirror orange		S2			◆	◆		Perfect lens for all lighting conditions; Slightly mirrored; Infrared protection; Medium light protection; Contrast-enhancing
CERAMIC mirror orange		S1			◆	◆	◆	For poor lighting conditions/evening hours; Slightly mirrored; Infrared protection; Low light protection; Contrast-enhancing
CERAMIC mirror clear		S1			◆	◆	◆	For poor lighting conditions/evening hours; Slightly mirrored; Infrared protection; Low light protection
CERAMIC brown		S3		◆	◆			High light protection for intense lighting conditions
CERAMIC gradient black		S3		◆	◆			
CERAMIC gradient brown		S3		◆	◆			
CERAMIC clear		S0				◆	◆	For poor lighting conditions/evening hours, as mosquito protection; Low light protection

All lenses in all colours and tints offer 100 % UV protection and are suitable for use in road traffic (except lenses with S4 protection level) according to the ISO 12312-1:2013 standard.