

# Sunglasses & Technology

## Lens Codes

- [ 02 ] YELLOW

[ 03 ] FLASH MIRROR

[ 07 ] CLEAR

[ 08 ] PINK MIRROR

[ 09 ] GOLD MIRROR

[ 10 ] SMOKE

[ 18 ] ORANGE MIRROR

[ 20 ] GREEN

[ 28 ] GREEN MIRROR
- [ 30 ] BROWN

[ 48 ] BLUE MIRROR

[ 58 ] RED MIRROR

[ 68 ] PURPLE MIRROR

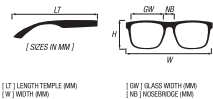
[ 90 ] MULTILENS

[ P ] SINTEC®

[ C ] TRANS+®

[ B ] FREE BOX

## Measurements



[ LT ] LENGTH TEMPLE (MM)  
[ W ] WIDTH (MM)

[ GW ] GLASS WIDTH (MM)  
[ NB ] NOSE BRIDGE (MM)



## Icon Specs

- Decoloured polycarbonate lenses 100% UVA/B/C protection
- Special high altitude protection lens 100% UVA/B/C protection
- Decoloured high-durability lenses 100% UVA/B/C protection
- The highest abrasion resistance of any uncoated optical plastic. 100% UVA/B/C protection
- Contrast enhancing
- RX compatible
- Optical adaptor
- Multi lens 100% UVA/B/C protection
- Mirror lens
- Anti-slip temple tips
- Hydrophobic brush on the outside of the lens
- CAT 2 Lenses
- CAT 3 Lenses
- CAT 4 Lenses
- Anti-slip nose pads
- Anti-slip nose pads and temple tips
- Stainless steel screw hinge
- Nickel free
- Temples with flex technology
- Lightweight aluminium frame

Lightweight frame

Acetate frame

Adjustable nose pads

Superior mirror coating on the inside of the lens

Air Channel in the temple

Sun stop shelves

Over The Glasses makes it possible to keep your spectacles on underneath your goggles

Extreme flexibility, durability and light weight

100% recyclable. Environmentally friendly manufactured. No toxic BPA. Flexible & high impact resistant

Decoloured polarised lenses reduce 99.9% of reflected glare

Photochromic lens provides rapid color change made of high impact Polycarbonate synthetic material

Helps sweat/water, sweat, mud & oil. Resists stains and repels grease from fingerprints.

Panorama lens, removes, helps to extend the upper and the horizontal field of view

Designed for freestyle and use around the water. Dry lenses, directly after contact with water.

The best colour filtering function to enhance the colours requested by specific sports for better performance

## Different Lens Types

**Clear Lens**

VLT 99% Visible light transmission 99%. Protection from dirt stones and insects also for use at night.

**Yellow Lens**

VLT 73% Used in low light conditions, snow, rain and light fog. Brightening effect.

**Orange Lens**

VLT 54% Used in low light conditions, rain snow and light fog. Increases contrast.

**SINTEC® Polarised Lens**

VLT 15% Used in low to bright light conditions. Reduces 99.9% of glare and refl ections. Ensuring greater visibility. Increases contrast and depth perception.

**Trans+ Lens**

Used in low to bright light conditions. Reacts to changes in light conditions. Reduces eye fatigue, constantly adjusting to optimise visual experience.

**Oil Lens**

VLT 15% Used in bright and sunny conditions. Enhanced glare protection and maximum visual clarity.

**Brown Lens**

VLT Cat.3 16% Used in bright and sunny conditions. Keeps images sharp while increasing contrast. VLT Cat.4 6% Extreme dark tint for most extreme light conditions. Not suitable to wear while driving.

**Smoke Lens**

VLT Cat.3 15% Used in bright and sunny conditions. Provides true colour perception and reduces light. VLT Cat.4 6% Extreme dark tint for most extreme light conditions. Not suitable to wear while driving.



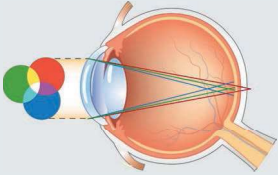
Our **sintrast®** lenses combine the technologies of colour highlight and colour contrast. With our special design on the colour spectra and adopting special functional dyes, our **sintrast®** lenses have the best colour filtering function to enhance the colours requested by specific sports for better performance.

### Blue Light Filtering

Bad blue light radiation from light sources or screens of electronic devices may cause irritation or fatigue to some people's eyes.

Blue light filtering function can make the vision sharper and feel more comfortable.

Different colours among visible light are refracted differently by the cornea and crystalline lens, so not all of the light colours reach the same focal point on the retina.







# TRANS+® Technology

## The Photochromic TRANS+® Lens

The Photochromic TRANS+® lens provides rapid colour change. This high quality lens is made with the most advanced photochromic technology and the best high impact Polycarbonate synthetic material there is. It changes from orange colour to brown colour and vice versa. This ensures that your eyes will receive the best protection in all weather conditions.



**Clearest**  
TRANS+® lenses provide the clearest vision, rapid clearing when you go inside with flat and low light conditions.

**Darkest**  
TRANS+® lenses become as dark as cat.3 sunglasses when you are exposed to the bright sunlight and provides 100% UV protection.

**Fastest**  
TRANS+® lenses change colour rapidly! The TRANS+® lens is one of the fastest traditional Polycarbonate Photochromic lenses.

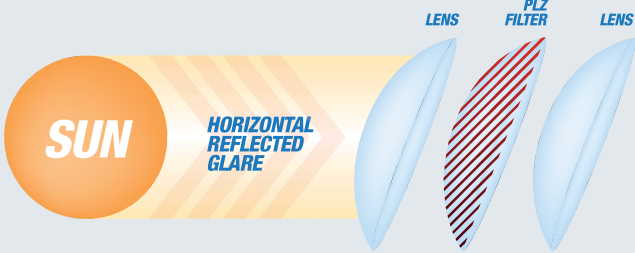
**Highest performance**  
The advanced Polycarbonate Photochromic lens provides the highest performance, with the best material and the fastest changing lens from orange colour to brown colour and vice versa.



# SINTEC® Technology

## SINTEC® Polarised Lenses

SINTEC® lenses eliminate reflections from flat surfaces, ensuring greater visibility and comfort. This comfortable polarized lens cuts blinding glare while filtering blue light to increase contrast and improve depth perception in a wide variety of weather/light conditions. It also has a softening effect on the eye, reducing eye strain.



FLAT SURFACE REFLECTING LIGHT WAVES



Without SINTEC®

With SINTEC®



goggles & technology

Lens Codes

- [ 01 ] ORANGE
- [ 02 ] YELLOW
- [ 03 ] ORANGE MIRROR
- [ 09 ] GOLD MIRROR
- [ 10 ] SMOKE
- [ 18 ] ORANGE FULL MIRROR
- [ 28 ] GREEN MIRROR
- [ 48 ] BLUE MIRROR
- [ 58 ] RED MIRROR
- [ P01 ] SINTEC®
- [ PC1 ] SINTEC/TRANS+®
- [ H49 ] SINTRAST® BLUE
- [ H58 ] SINTRAST® ORANGE
- [ H59 ] SINTRAST® RED
- [ H79 ] SINTRAST® PINK

Goggle Features

- OTG

Over The Glasses

SINNER OTG ski/snowboard goggles make it possible to wear your daily glasses under your ski/snowboard goggles.
- OS

Outrigger System

Provides in combination with the ski helmet a comfortable and consistent fit.
- VENT

Frame Ventilation

Openings on the front of the frame provide extra ventilation. These keep the inner lens warm and dry to minimize condensation.
- VENT

Lens Ventilation

Provides extra ventilation. Keeps the inner lens warm and dry to minimize condensation.

All of our goggles are equipped with:

- HC

Helmet Compatible

All of our goggles and helmets fit together seamlessly, with matching contours and vents.
- AS

Adjustable Strap

The adjustable strap contributes to the total support of the glasses on the head or helmet. Ultra wide and easy to adjust in length.
- HA

Hypoallergenic Foam

Falls directly on the face, ensures a perfect and comfortable fit and protection against wind, cold and snow and reduces the risk of allergic reactions.
- ANTI SLIP

Anti Slip Strap

Ensures that the ski/snowboard goggles stay in place, especially when using a ski/snowboard helmet.
- DL

Double Lens

The double lens provides an extra layer of air between the lenses, bridging the temperature difference and reducing condensation on the inner lens.
- AF

Anti-Fog Coating

Before our goggle lens is assembled the inner lens material is coated with an anti-fog treatment that permanently adheres to the inner lens surface to help prevent fogging.
- CE


Contrast Enhancing

All our goggle lenses are equipped with advanced contrast enhancement for clear and crisp vision.
- sinstrast®


sinstrast® High Contrast

These lenses have the best colour filtering function to enhance the colours requested by specific sports for better performance.


Different Lens types




**Orange Lens**  
VLT 18-43% Used in low light conditions, snow and light fog. Increases contrast.




**Yellow Lens**  
VLT 43-80% Used in low light conditions, snow and light fog. Brightening effect.




**Pink Lens**  
VLT 43-80% Used in low light conditions, snow and light fog. Brightening effect.




**Smoke Lens**  
VLT 8 - 18% Used in bright and sunny conditions. Provides true colour perception and reduces glare.




**Orange Mirror Lens**  
VLT 8 - 18% Used in partly cloudy to sunny conditions. Increases contrast and reduces glare.



**Colored Mirror Lens**  
VLT 8 - 18% Used in bright and sunny conditions. Enhanced glare protection and maximum visual clarity.




**SINTEC® Polarised Lens**  
VLT 18-43% Used in low to bright light conditions. Reduces glare and reflections, ensuring greater visibility. Increases contrast and depth perception.




**SINTEC® TRANS+® Lens**  
VLT 8 - 80% Used in partly cloudy to sunny conditions. Increases contrast and reduces glare.

**sinstrast® lenses**


sinstrast® technology tailors the lens and tints to specific environments and conditions you will encounter out on the mountains. It drastically increases contrast and visibility, and will bring you an experience, like you've never seen before.




**SINTRAST Orange**  
VLT 63-67% Used in cloudy conditions, snow and light fog. High contrast lens that reduces glare for a good and clear vision. Super comfortable for your eyes due to the special colour filter technique.



**SINTRAST Red**  
VLT 22-26% Used in partly cloudy to sunny conditions. High contrast lens that reduces glare for a good and clear vision. Super comfortable for your eyes due to the special colour filter technique.



**SINTRAST Pink**  
VLT 22-26% Used in partly cloudy to sunny conditions. High contrast lens that reduces glare for a good and clear vision. Super comfortable for your eyes due to the special colour filter technique.



**SINTRAST Blue**  
VLT 13-17% Used in bright and sunny conditions. Enhanced glare protection and maximum visual clarity. Used in bright and sunny conditions. High contrast lens that reduces glare for a good and clear vision. Super comfortable for your eyes due to the special colour filter technique.

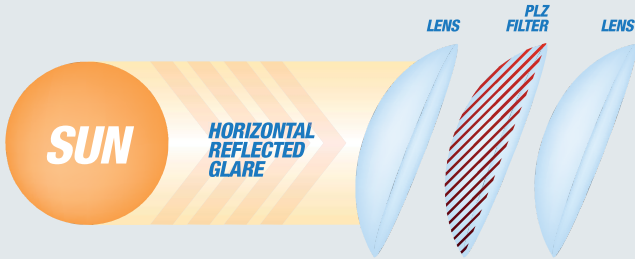




## SINTEC® Technology

### SINTEC® Polarised Lenses

SINTEC® lenses eliminate reflections from flat surfaces, ensuring greater visibility and comfort. This comfortable polarised lens cuts blinding glare while filtering blue light to increase contrast and improve depth perception in a wide variety of weather/light conditions. It also has a softening effect on the eye, reducing eye strain.



FLAT SURFACE REFLECTING LIGHT WAVES



Without SINTEC®

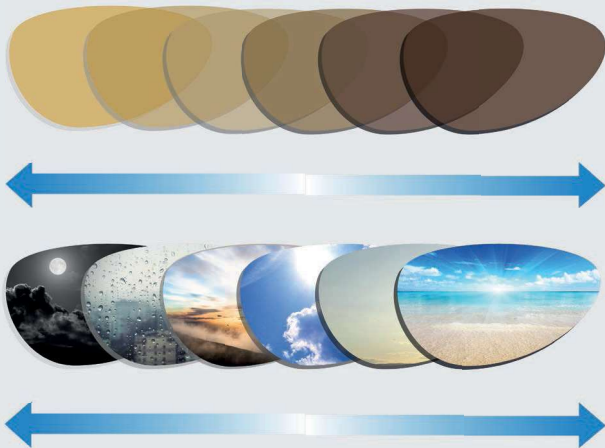
With SINTEC®



## TRANS+® Technology

### The Photochromic TRANS+® Lens

The Photochromic TRANS+® lens provides rapid colour change! This high quality lens is made with the most advanced photochromic technology and the best high impact Polycarbonate synthetic material there is. It changes from orange to brown and vice versa. This ensures that your eyes will receive the best protection in all weather conditions.



#### Clearlest

Provides the clearest vision, rapid clearing when you go inside with flat and low light conditions.

#### Darkest

TRANS+® lenses become as dark as cat.3 sunglasses when you are exposed to the bright sunlight and provides 100% UV protection.

#### Fastest

Changes colour rapidly! The TRANS+® lens is one of the fastest traditional Polycarbonate Photochromic lenses.

#### Highest performance

The advanced Polycarbonate Photochromic lens provides the highest performance, with the best material and the fastest changing lens from orange to brown and vice versa.





**ORANGE** - CAT. 1



**VLT 63-67%** Used in cloudy conditions, snow and light fog. High contrast lens that reduces glare for a good and clear vision. Super comfortable for your eyes due to the special colour filter technique.

**RED** - CAT. 2



**VLT 22-26%** Used in partly cloudy to sunny conditions. High contrast lens that reduces glare for a good and clear vision. Super comfortable for your eyes due to the special colour filter technique.

**PINK** - CAT. 2



**VLT 22-26%** Used in partly cloudy to sunny conditions. High contrast lens that reduces glare for a good and clear vision. Super comfortable for your eyes due to the special colour filter technique.

**BLUE** - CAT. 3



**VLT 13-17%** Used in bright and sunny conditions. Enhanced glare protection and maximum visual clarity. Used in bright and sunny conditions. High contrast lens that reduces glare for a good and clear vision. Super comfortable for your eyes due to the special colour filter technique.

## High Contrast Lens

Our **sintrast® snow** lens is specially designed for snow landscapes. This colour filter technology operates as follows: the good colours are turned on and the bad colours off. **sintrast®** lenses divide the white light into different colours, enhance the sensitive colours and filter the rest, making your vision detailed with a contrast that is not affected by the white light. These lenses give your eyes better visual comfort. Perfect for a long day on the slopes!


## Key Features


- **Better visual comfort** for all day use
- **Special colour design** for specific environments and conditions you will encounter out on the mountains
- **Enhance details** of specific target for efficient judgement
- **High contrast** for sharper visual acuity
- **High clarity** for clear vision
- **Eye protection** by filtering 100% UV and high energy of blue light





# helmets & technology





- 


**1. Helmet Ventilation**  
Active helmet ventilation is adjustable ventilation that you can slide open or close around to regulate the heat.
- 


**2. Hardshell ABS**  
The ABS hard shell outer shell is designed for better impact resistance and flexing provides extra safety.
- 

**3. In-Mold Technology**  
The in-mold technology ensures that the helmet is every light in weight, ensuring maximum protection and comfort.
- 

**4. Shock Absorbing Lining**  
The breathable and light lining has a shock absorbing effect and provides extra safety and comfort.
- 

**5. Goggle Clip**  
This secures the goggle strap on both sides of the helmet and when the goggle is lifted up to the top of helmet between runs.
- 

**6. Removable Earpads**  
Keep your ears nice and cozy. Our removable ear pads provide comfort and warmth on those brisk and chilly rides.
- 

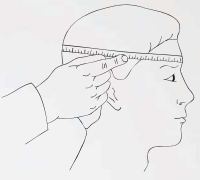
**7. Quick Release System**  
This provides an easy to use click release under the chin.
- 

**8. Size Adjuster**  
By adjusting the dial at the rear of the helmet, the fit can be optimised as desired.

# sizing & how to fit?

## Helmet Sizes

Wearing a proper-fitting helmet is the single most impactful thing you can do to prevent yourself from sustaining a serious injury while skiing or snowboarding. In the event of a nasty spill, or even just a minor slip up on the mountain, a helmet that is too large or too small will not adequately protect you. It's simply not worth it to risk injury because the helmet you have is a poor fit, so we are here to give you some tips on how to correctly fit a ski or snowboard helmet.



## How to measure?

Wrap a flexible tape measure around your head approximately one inch above the eyebrows and ears. Use this measurement to find your helmet size in the sizing chart.

## Sizing Instruction

Your helmet should fit snugly and comfortably on your head. Once straps and pads are adjusted to the proper fit, grab helmet and twist. The skin on your forehead should move with the helmet.

## Different types of helmets

The development of the ski helmet has not stood still in recent years and in general there are currently 3 types of ski helmets on the market: in-mold, hard shell and hybrid.

### In-Mold

With in-mold helmets, the polystyrene foam inside the helmet is bonded directly to the protective thin outer shell. This makes them lightweight and comfortable to wear. Softshell helmets are most commonly used by recreational users.

### Hybrid

Hybrid helmets are a combination of the best features of the in-mold helmets and the hardshell helmets. Hybrid helmets can be used by both recreational and off-piste adventurers.

### Hardshell (ABS)

Unlike the in-mold helmet, the foam layer on the inside of the helmet is kept separate from the hard outer shell. This creates a very thick impact-resistant outer layer. Hardshell helmets are often used by off-piste skiers and snowboarders who want optimal protection.



gloves & technology

Gloves vs. Mittens

Gloves, with their individual fingers, offer better dexterity than mittens and are ideal for activities where you need to frequently handle gear, adjust boot buckles and zip zippers. Lightweight gloves are a great choice for aerobic activities, such as cross-country skiing, where your body is generating lots of heat.

Mittens tend to be warmer than gloves because your fingers generate more heat when they're not separated from each other by fabric, as they are with gloves. They aren't as dexterous as gloves but they can still serve you well when you're holding ski poles, carving down the mountain on a snowboard or heading out for a hike in frigid temperatures.

Gloves Sizes

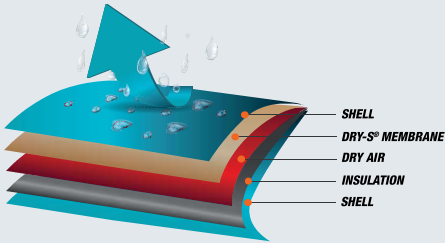
**NUMERIC SIZES:**  
These are the same as your measurement in inches. Round up or down to the nearest size.

WHO	HANDSIZE (CM)	SIZE / INCH	SPECS
BABY	0 cm	00	0-1 year
BABY	0 cm	00	0-1 year
KIDS	2,5 cm	01	2-3 year
KIDS	5 cm	02	4-5 year
JUNIOR	7,5 cm	03	5-6 year
JUNIOR	10 cm	04	7-8 year
JUNIOR	13 cm	05	9-10 year
JUNIOR	15,2 cm	06	11-12 year
LADIES	16,5 cm	065	S 6,5
LADIES / UNISEX	18 cm	07	M 7
LADIES / UNISEX	19 cm	075	L 7,5
LADIES / UNISEX	20,5 cm	08	XL 8
LADIES / UNISEX	21,5 cm	085	XXL 8,5
MEN / UNISEX	20,5 cm	08	S 8
MEN / UNISEX	21,5 cm	85	M 8,5
MEN / UNISEX	23 cm	9	L 9
MEN / UNISEX	24 cm	95	XL 9,5
MEN / UNISEX	25,5 cm	10	XXL 10

To find out your glove size, measure (in inches) around your hand with a tape measure at the place indicated by the red line (just below the knuckles). You should use your dominant hand, the right if you are right-handed, and the left if you are left-handed.



Dry-S® Membrane



The DRY-S® mebrane is bonded directly to the glove's shell inner side: rain, snow and wind are blocked on the glove's external surface providing ultimate comfort.

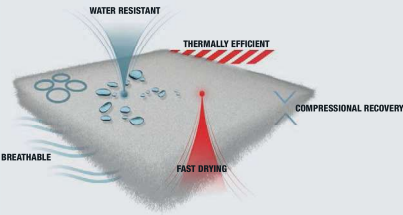
Stops liquid moisture from penetrating, but allows perspiration vapour to escape. Keeps your skin dry and comfortable in most extreme conditions.

**DRY**  
2.000 waterproof  
2.000 breathable

**DRY-S**  
10.000 waterproof  
6.000 breathable

**DRY-S+**  
10.000 waterproof  
10.000 breathable

Primaloft® Technology



Engineered for function, created for comfort, Primaloft® Gold Insulation Eco with Grip Control delivers a non-slip grip where it counts for a confident and stable hold in high-performance gloves and footwear. A low-bulk insulation designed to resist compression and provide freedom of movement, while staying warm even in the wettest conditions; this innovative technology brings the Primaloft® experience to specialized active wear.

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