



Airwear®

Lightness and strength all in one

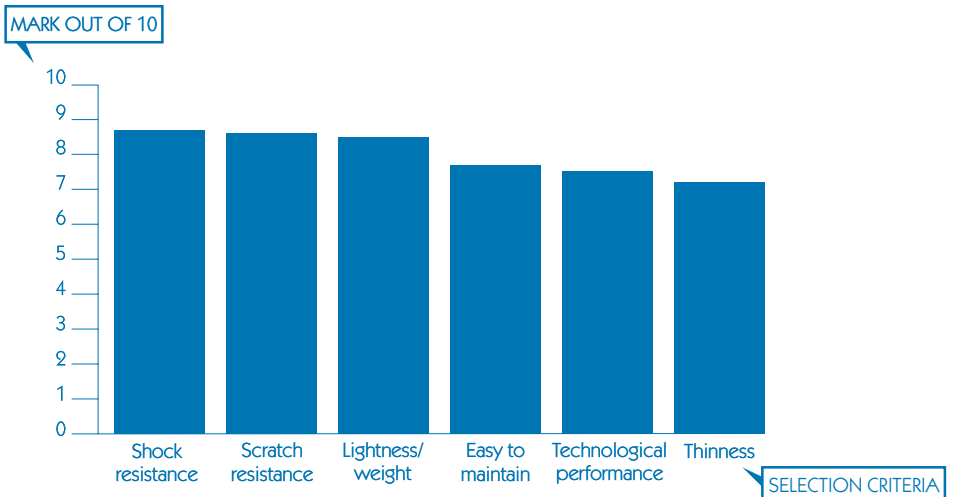


# What wearers want...

For people who rely on their spectacles for daily use, having the right lens is paramount. The lenses must be comfortable yet robust enough to cope with all daily activities, from sport right through to driving!



From a wearer's perspective, two of the most important features are lightness and shock resistance. The combination of both in one lens not only guarantees comfort, but gives the wearer confidence - whatever they do.



**Results of a Consumer Survey carried out with 30,000 wearers in France during 2001.**

Airwear lenses not only match these two main criteria but offer many additional benefits, making it the perfect lens for anyone.

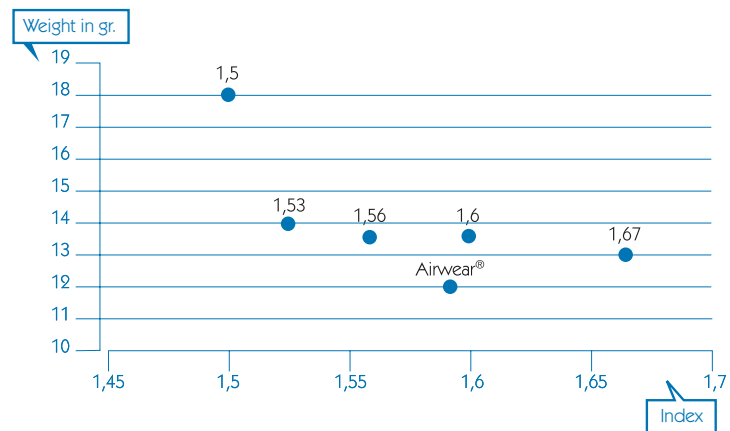
## Airwear lenses as light as a feather...

Airwear® lenses owe their ultra lightness to the material from which they are made, which boasts an unrivalled index/density ratio.



Airwear® is:

- **30% lighter** on average than index 1.5
- **15% lighter** on average than index 1.53
- **12% lighter** on average than index 1.6



Average weight/index comparison for the most common lens materials. (50mm diameter lenses).

## A lens made to last...

### **Shock-resistant...**

Tests carried out prove that Airwear® is 12 times more shock-resistant than standard plastic lenses. Airwear® has also passed the most stringent European and American tests.

*(safety standard ANSI Z87.1).*



### **...and scratch-resistant**

Airwear® lenses are resistant to scratches. In addition, the Crizal® anti-reflective coating gives them perfect clarity so that long-lasting quality of vision is guaranteed.



## A lens that makes your patients feel good...

### **...Thinness**

Because of its 1.59 index, an Airwear® lens is 20% thinner than standard 1.5 index lenses and perfectly suited to discreet, lightweight frames.



Airwear has all the benefits of the 1.6 Index material and more. Unlike other mid index lenses it's durability and impact resistance are second to none.

The quality of vision can be further enhanced with a Crizal® Alizé™ coating which makes the lens even clearer.

This major technological breakthrough adds ease of cleaning to Crizal's anti-reflective effectiveness, thereby increasing wearer satisfaction.



## A lens for all occasions

Perfect for outdoor activities, Airwear® lenses provide 100% protection against harmful UVA and UVB rays (*UV cut at 385 nm*).



However, Airwear® can also be tinted to protect wearers against glare even in bright sunlight.

- Lens quality and reliability remain the same; the only difference is the lens colour.
- Tints are available across the Airwear® range: single vision and varifocal lenses.

# Airwear – your first choice material

Airwear lenses offer so many benefits to wearers that almost anyone is a candidate – whatever they do. But for some groups of wearers Airwear is a must.



## ***Airwear and lifestyle***

Many sporting pastimes and some occupations such as driving increase the risk of damage to the eye. Airwear's extreme resistance to impact makes it the ideal choice for active wearers. Children also fall into the category but all wearers can benefit from Airwear lenses and feel safe in them.

## ***Airwear and fashion***

Airwear's strength and lightness make it ideally suited to small lightweight modern frames. As its index is close to 1.6 it can replace conventional plastics and make mid to high corrections very attractive in today's frames. It's robustness and weight make Airwear lenses particularly suitable for rimless frames also.

## ***Airwear and visual comfort***

The success of Airwear is based on the quality of the Supra Hard coating, Trio Green and Crizal MAR coatings. These coatings ensure Airwear lenses remain clear even when subjected to daily wear. A Crizal Alize coating will ensure additionally that the lenses remain cleaner for longer making Airwear the ideal product for people that care about their vision.

## Sun tints

Two exclusive sun tints (*class 3*):

**Airwear®  
SUN - brown**



**Airwear®  
SUN - grey**



*(Launch date to be confirmed)*

Airwear sun tints provide perfect protection against glare (*15% transmission*), combining a dark tint with a slight mirror effect. It provides unique visual comfort thanks to an anti-reflective coating applied to the back surface of the lens as standard.

## Physiotints

Four light Physiotints™ for increased visual comfort.

These tints are available in two intensities: class 0 (*85% transmission*), and class 1 (*65% transmission*).

	PhysioBrown	PhysioGrey	PhysioGrey-Green	PhysioGreen
Class 0				
Class 1				

Physiotints are made using a patented method designed to reproduce as accurately as possible the true colours of our environment. They are compatible with the Crizal® and Crizal Alizé anti-reflective coatings.

Airwear® lenses are also available with Transitions® - an ideal solution for protecting light sensitive eyes.

## Airwear Transitions

**Airwear Transitions  
brown**



**Airwear Transitions  
grey**



Airwear Transitions combines the latest advances in photochromic chemistry with a lens to fit all lifestyles. Airwear Transitions lenses are Supra hard coated as standard and can further be enhanced with a Crizal® coating.



## Edging and mounting instructions

As they are particularly robust Airwear® lenses are suitable for all types of frames, particularly rimless.

### **Edging instructions**

- The edger must be compatible with polycarbonate. Avoid applying excessive pressure on the lenses.
- To ensure a good finish and durability, it is essential to chamfer and polish the lens edge.

- Chamfer the edge of the hole using the Easy Drill™ tool in order to ensure good durability of the mounting.
- Always use soft washers and avoid too tight mounting.

### **Mounting instructions**

#### ● **Rimless mounting**

- Use only cutting tools made of tungsten carbide. Tools must be in excellent condition (change the drill bit every 40 to 50 drillings).
- Select a slow cutting speed, apply only a moderate pressure and remove the chips at regular intervals.

#### ● **Other mountings**

- For nylon supra frames, the width of the groove must be tailored to the size of the wire. Remove chips with a small wood stick.
- Cold mounting is recommended for plastic frames.
- For metal frames, lenses should be mounted without stress.

- To clean lenses, choose a solvent-free product such as Essiclean by Essilor.



## Product Information

Airwear®	Supra	Trio Green	Crizal	Crizal Alize	Physiotints Class	Suntint Class
Spheric Airwear Stock	●	●	●	●	0 & 1	3
Spheric Airwear Rx	●	●	●	●	0 & 1	3
Spheric Airwear Transitions Rx	●		●	●		
Aspheric Airwear Stock			●	●		
Aspheric Airwear Rx			●	●	0 & 1	3
Aspheric Airwear Transitions Rx			●	●		
Varilux Panamic Airwear			●	●	0 & 1	3
Varilux Panamic Airwear Transitions			●	●		
Varilux Comfort Small Airwear	●		●	●		
Varilux Comfort Airwear	●		●	●	0 & 1	3
Varilux Comfort Small Airwear Trans			●	●		
Varilux Comfort Airwear Transitions			●	●		
28 Flat Top Airwear Bifocal	●	●	●	●		
Varilux Liberty Airwear <sup>(1)</sup>	●	●	●	●	0 & 1	3

<sup>(1)</sup> from September 2004

For details of power ranges and additions please refer to your Essilor product catalogue.

**Issue Code 05.04**

ESSILOR LIMITED, COOPER ROAD, THORNBURY, BRISTOL BS35 3UW  
[WWW.ESSILOR.CO.UK](http://WWW.ESSILOR.CO.UK)  
 GENERAL ENQUIRIES 01454 417100

57-02-085

