



IRON+
IL TRATTAMENTO PIÙ

iRON 
EXTRA**HARD**MULTICOATING

BLU | BLOCK

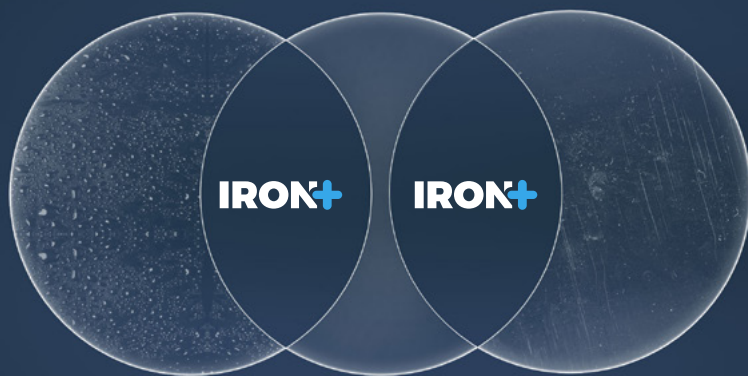
ICE 
INVISIBLE COATING

HMC+
HARDMULTICOATING

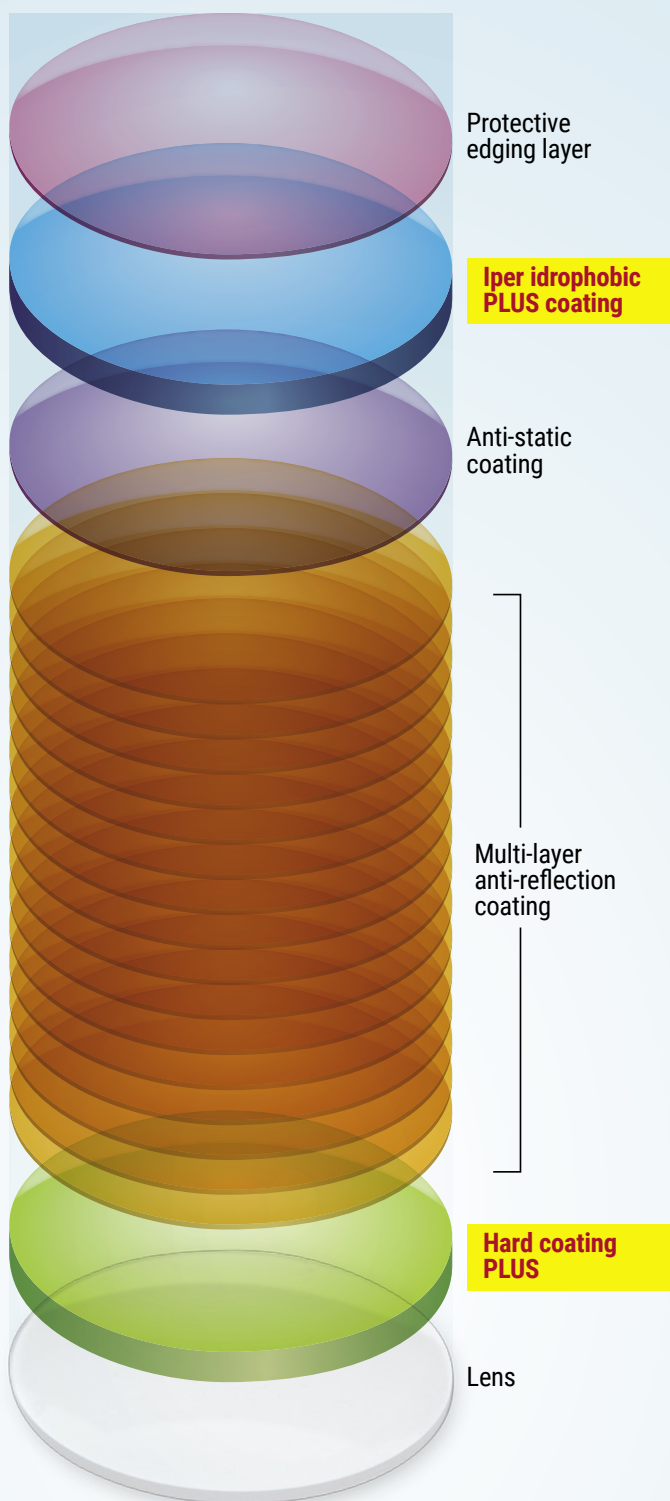
ITAL•LENTI
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ANTI-REFLECTIVE
COATINGS

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IRON+
IL TRATTAMENTO PIÙ



Anti-reflective coating without compromise

IRON+ is the TOP of the range anti-reflective coating by Ital-Lenti, for uncompromising visual performance

Thanks to the 16 layers of anti-reflective applied, the lens is super transparent and with the plasma-polarization technology it is extraordinarily resistant and durable over time.

The IPER anti-smudge coating which, thanks to the nanoparticle technology, offers superior characteristics in terms of slipperiness, with a contact angle of over 118° which allows water drops not to adhere to the surface of the lens, sliding quickly, without leaving deposits or halos.

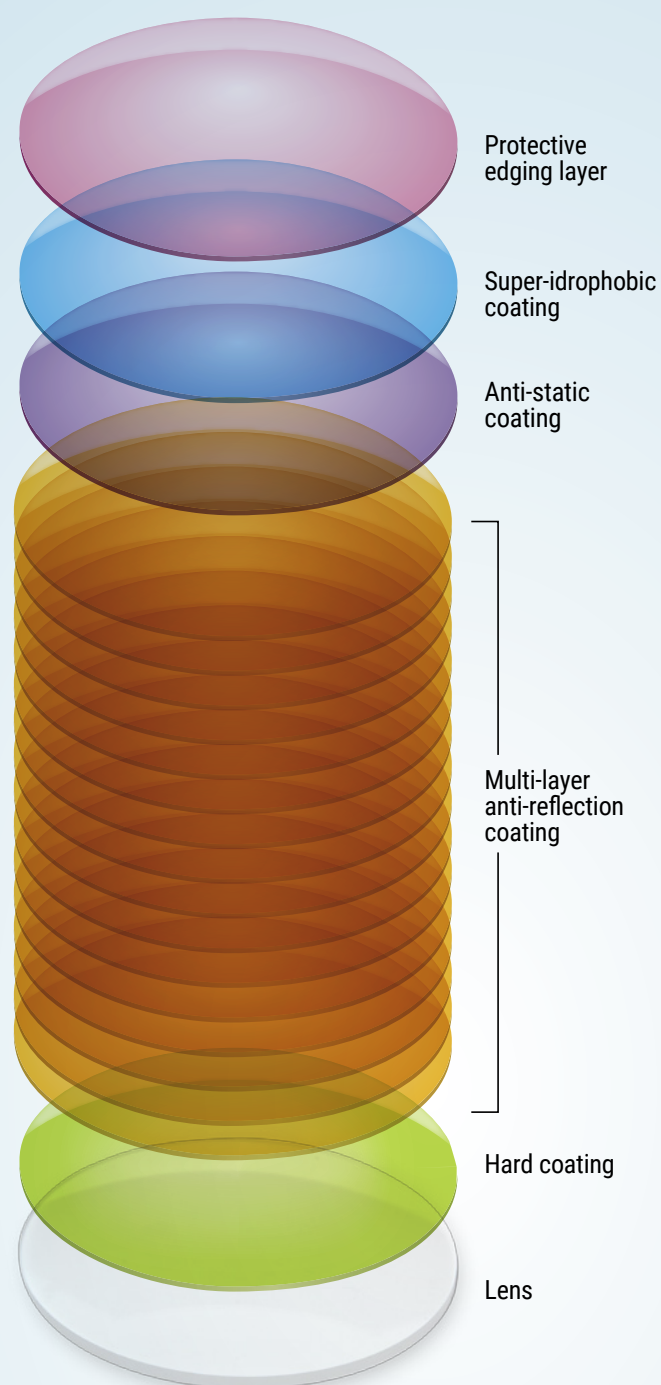
The inserted antistatic coating eliminates the electrostatic charges of the lens, preventing dirt and dust from adhering to the surfaces (for example when dry cleaning the lens).

The adoption of different hardening lacquers with the same refractive index of the base lens, which allows to have the same thermal expansion coefficient of both, the lens and the hardening lacquer, which in case of thermal stress or sudden changes temperature, protects against detachment of the coating, especially in lenses with a high refractive index.

Protected in this way, the lens will be more resistant to wear, easy to clean and maintain, more water-repellent and more antistatic, ensuring a clear and comfortable vision for every type of daily activity and for every material used for the base lens.

With IRON+, the lens is:

- + transparent:** the vision is clearer and the images acquire brilliance.
- + clean:** external agents do not adhere to the surface of the lens.
- + protected:** the lens surface is protected even more effectively.
- + guaranteed:** the coating is guaranteed for 3 years.



Hi-tech anti-reflective treatment

IRON is the hi-range anti-reflective coating by Ital-Lenti.

Thanks to the 16 LAYERS of anti-reflective applied, the lens is super transparent and with the plasma-polarization technology it is extraordinarily resistant and durable, as strong as iron.

Great importance is the anti-smudging coating that makes the lens protected and repellent from dust, dirt and wear over time.

Thus protected, the lens will be more resistant to wear and with great ease of cleaning and maintenance.

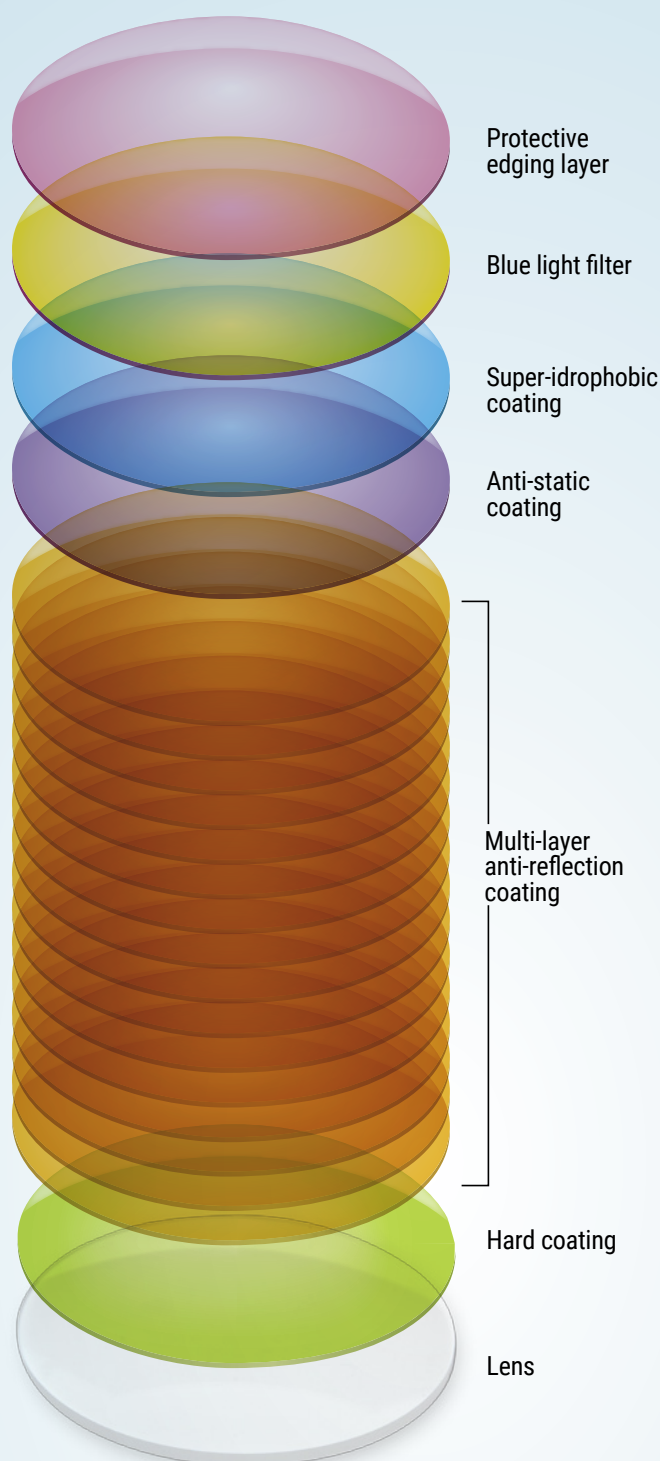
Durable over time and easy maintenance

The hardening lacquer protect the lens, acts not only against micro-aggressions, but also against the most invasive stresses.

The surface of the lens will be protected from scratches and abrasions, with a longer life.



BLU | BLOCK



Anti-reflective coating to protect from blue light

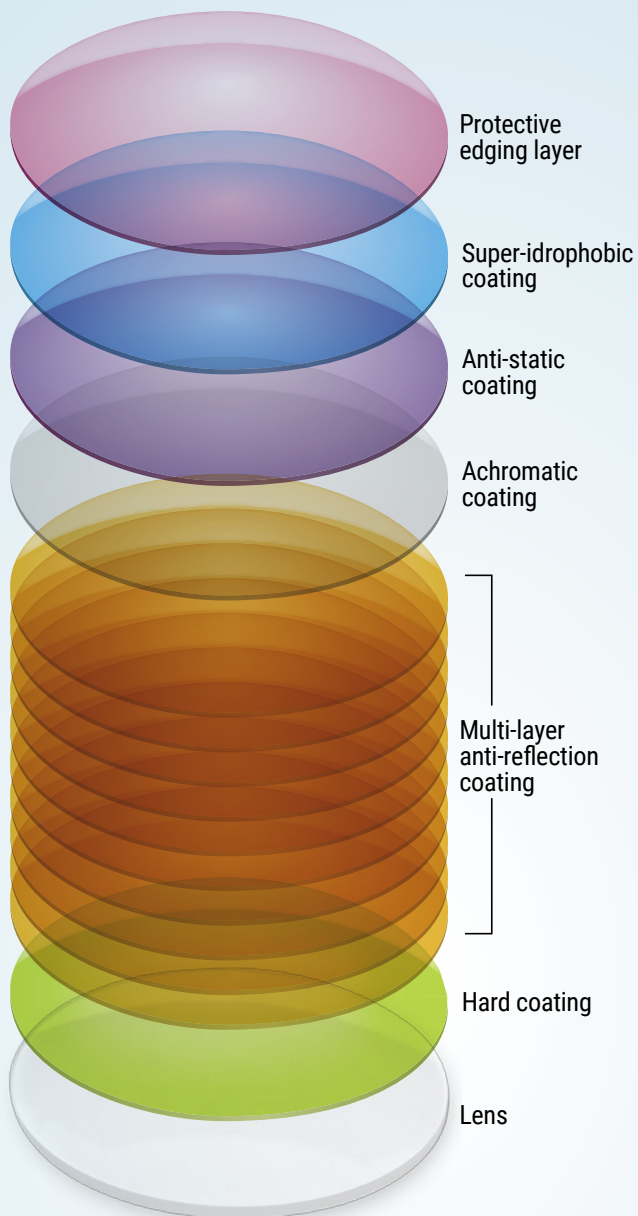
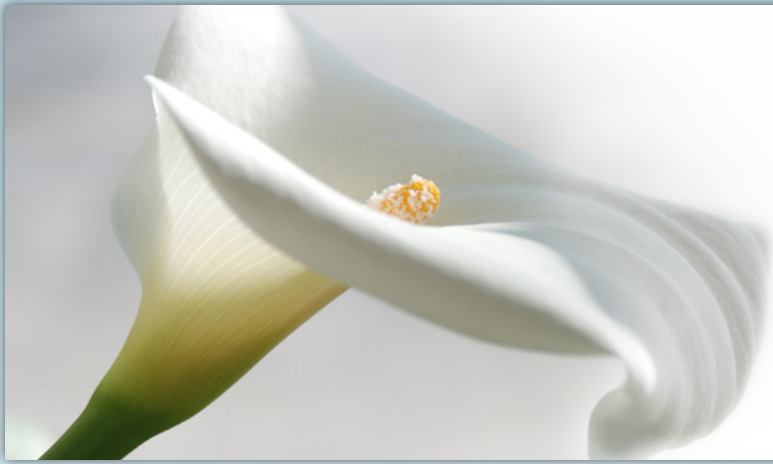
BLUBLOCK is the Ital-Lenti coating that equalizes harmful BLUE LIGHT, in particular the wavelengths between 380 and 450 nm, widely present in artificial light, in particular that are emitted by the screens of digital devices, TVs, computers, tablets, smartphones and modern LED lamps.

The increasingly intense use of these devices has increased the exposure of our eyes to these radiations, causing physiological disturbances of various kinds, first of all the inhibition of the production of melatonin, resulting in a lack of sleep that is becoming chronic throughout the world.

BLUBLOCK is a coating specifically designed to limit this damage, based on the principle of "reflection" of harmful blue wavelengths and ensuring optimal eye protection.

By eliminating part of the blue light, BLUBLOCK also significantly improves contrast, allowing a more natural and comfortable vision, reducing visual discomfort and eye fatigue. With a more relaxed vision and greater comfort, the wearer can grant more prolonged work sessions using monitors and digital devices, without incurring visual disturbances such as: irritation, headache and neck pain.

In addition to the blue light, the BLUBLOCK coating also guarantees total protection from UV radiation.



Achromatic anti-reflective coating

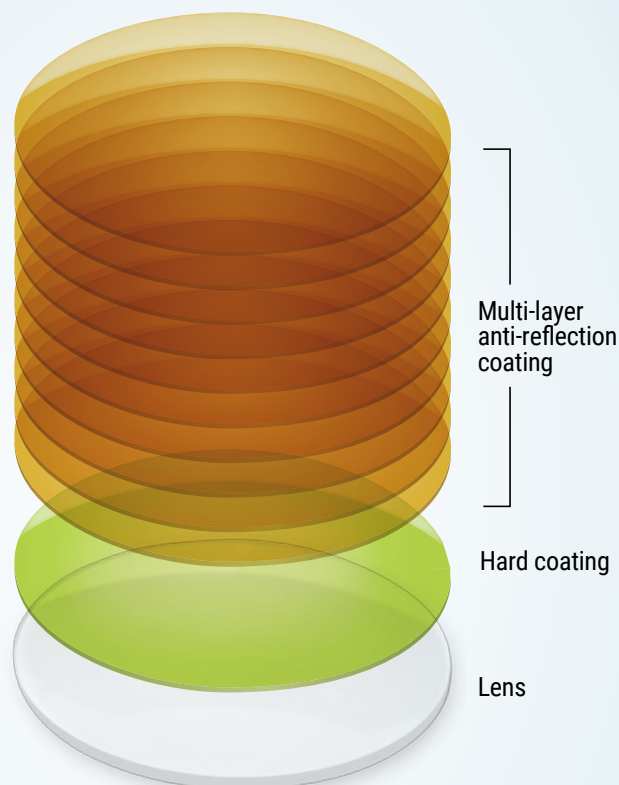
ICE is a new concept anti-reflective coating: achromatic, transparent just like ice, it gives extreme purity and clarity to the lens, thanks its total neutrality and absence of residual color reflections.

ICE is a fully achromatic multi-layer coating that offers the wearer the best aesthetic result and greater visual well-being.

The achromatic characteristic makes the coating particularly suitable for application on tinted lenses or on photochromic lenses, without the interference of residual color when associated with a lens tint.

HMC+

HARDMULTICOATING



Basic anti-reflective coating

HMC+ is configured as an excellent anti-reflective coating, characterized by an excellent quality / price ratio.

Suitable for all situations of non-intensive use of the lenses, for the wearer who desires an adequate reduction of reflections ensuring a clear and optimal vision and good protection from micro-scratches caused by wear and daily maintenance.

Warranty

Ital-lenti guarantees the coating on its lenses for manufacturing defects: Iron+ 3 year warranty – Iron, BluBlock, Ice, Hmc 2 year warranty.

The validity of the guarantee is subject to compliance with the following recommendations for use:

- Always use a microfiber cloth to clean the lenses.
- Do not leave the glasses in direct sunlight for a long time (eg on the dashboard of the car or on the window sill).
- Do not place the glasses with the lenses facing the support surface.
- Protect the glasses and the cleaning cloth from dust and atmospheric agents.
- Avoid contact with aggressive substances such as hairspray, acetone, carbonated drinks, etc.

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