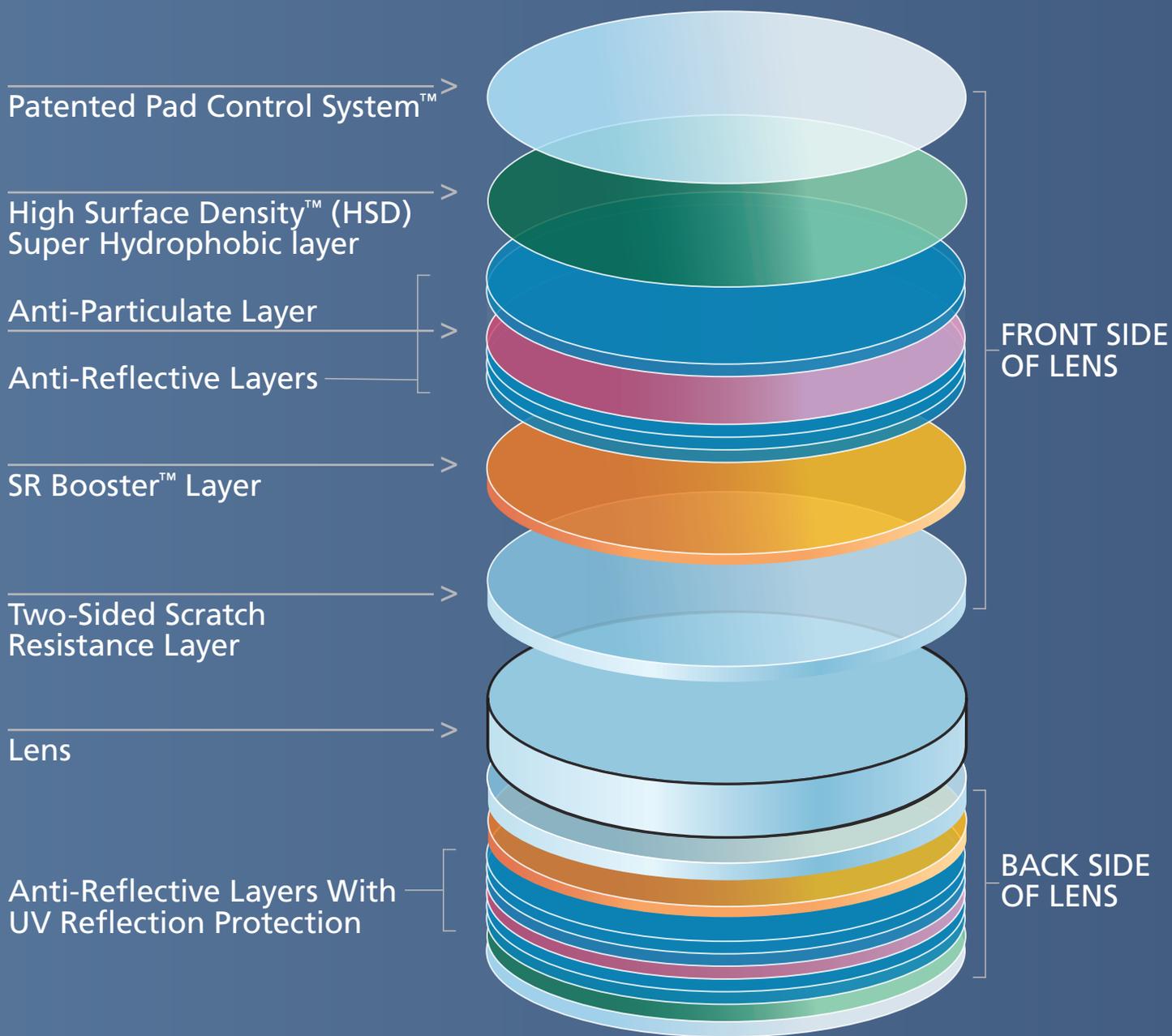


CRIZAL[®] LENS 9-STEP PROCESS



THE SUPERIOR NO-GLARE TREATMENT



RESISTS



glare



scratch



smudge



dust



water



UV
UV rays

Image represents Crizal Avancé UV™ stack
*Thickness of layers for demonstration purposes only. The image is not representative of the actual thickness. Total Crizal lens process thickness is less than 5µ.

Crizal[®]

Live Life in the Clear[®]

HOW DO CRIZAL® NO-GLARE LENSES PROVIDE THE CLEAREST VISION POSSIBLE?

1 Automated lens **Stripping and Cleaning**

The process begins with an activation and abrasion of the surface of the bare substrate material to ensure the best possible hard coat adhesion with the lens.

2 Application of **Scratch Resistance Layer**

Scratch resistance layer is applied in equal thickness on both the front and back sides of the lens, ensuring flexible and strong durability.

3 Preparation of **lens surface in vacuum coating machine**

The surface is again activated and cleaned, right down to the molecular level with an ion gun. This allows for excellent integration of anti-reflective layers to the hard coat.

4 Application of **SR Booster™ layer**

This proprietary scratch resistance silica (glass) layer is added between the hardcoat and anti-reflective layers on both the front and back sides of the lens. This provides maximum possible scratch resistance with a glass-like surface.

5 Application of **Anti-Reflective layers**

The multi-layer anti-reflective treatment minimizes glare from the lenses, providing more comfortable vision and a more attractive appearance. On the back side of the lens, this layer is optimized to include the UV reflection protection benefit.

6 Application of **Anti-Particulate layer**

Located in between the anti-reflective layers, this layer gives the lenses anti-static properties to actively repel particulates, dust and dirt at the molecular level.

7 Application of **High Surface Density™ (HSD) Super Hydrophobic layer**

The HSD layer is a tightly packed layer of fluorinated molecules applied on both the front and back sides of the lens for cleaner, more durable lenses. This industry-leading technology repels water, body oil, and sweat so the lenses are easy to clean and require less wiping.

8 Application of **Patented Pad Control System™**

Due to the superior performance of the HSD layer, Crizal® lenses are so slippery they cannot be edged and mounted the same way as competitive No-Glare lenses. This temporary layer is applied so the lenses can be blocked for edging and mounting, and then is removed with a soft cloth. *Crizal* is the only No-Glare brand with this patented Pad Control Layer.

9 **Systematic Quality Check**

One lens from every batch goes through specific stringent laboratory tests to ensure quality and consistency of the *Crizal* product and patient satisfaction.

Now you know how Crizal® No-Glare lenses provide the clearest vision possible!



PLUS 25X MORE UV PROTECTION than going without eyewear*

*E-SPF® is a global index rating the overall UV protection of a lens. E-SPF was developed by Essilor International and endorsed by 3rd party experts. A lens rating of E-SPF 25 means that an eye protected by the lens will receive 25 times less UV exposure than an unprotected eye. E-SPF of 25 when *Crizal* lens is made with a lens material other than clear 1.5 plastic.

For more information, visit Crizal.com

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