

On behalf of Vision Expo, we sincerely thank you for being with us this year.

Vision Expo Has Gone Green!



Agenda
Introduction
Lens Materials
Lens Coatings
Frame Materials
Fit and Style
Questions

Q beomaneo
The patient experience begins the
minute they step into the office.
Uncluttered, Organized
(Think Apple Store)
Well Merchandized-
What proclucts are featured?

| Index of |
| :---: | :---: | :---: |
| Refraction | Specific $_{\text {Gravity }} \quad$ ABBE Value



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## Trivex was originally developed for visors

 on army helmetsTrivex is a thinner
Trivex is a thinner
and lighter option
and lighter option
than standard plastic
than stan
1.50




| Photochromatic Lenses |  |
| :---: | :---: |
| photochromism，which is a process involving a reversible chemical reaction where a colorless molecule is converted to a colored form by the application of energy． |  |
|  |  |
|  | The transmission through photochromic lenses varies according to the intensity of light．They are clear indoors， |
|  | and daikoutiool |
|  | Photochromic lenses are activated by exposure to UV and a |
| ＊ | They proted from UV rays and iller bue violet lig |
| ， | They are available in many colors and provide full UV protection |
| ¢ ⿺𠃊⿴囗十⿱幺小心㇒⿱幺小又 |  |

Tinted Lenses
DEPENDING ON THE TINT
A segment of Visble ight st trongmit



What can you combine？
One Lens Material
One Frame
One Frame
One Lens Style
（generally speaking）
One Scratch Coat
One Scratch Coar
One UV Protection
One AR Coat
One AR Coat
Multiple Blue Light Prote
Multiple Bue Light P
One Color Option
（generally specking）
1 Great pair of Glasses

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## Overview of Plastic Frame Materials




DISADVVANTACES: Plasic tranes may not be as durable os
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| *Optyl | * Kevlar |
| :---: | :---: |
| An epoxy resin mentactured drough vo | Sonateitis treat fors sfery ond |
|  |  |
|  |  |
|  |  |
| - Extemely light veight | ADVANTACES: |
|  |  |
| - Extremed hear resiston-tiv withends temperatures |  |
| - A provective coating delivers good resistance to |  |
|  | disADVANACES |
| Coler Coors |  |
| NaCE | bo verifed fom |
|  |  |
|  |  |
|  |  |

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| Plastic | Metal | Nvon | Special Materials |
| :---: | :---: | :---: | :---: |
| Do： <br> ensure prope le fit using heat |  |  |  |
| Don＇t： <br> Atempt todiust the <br> bridge |  |  |  |
| Tools to use： Frame warmer |  |  |  |
| Q Leommao |  |  |  |

## Click to edit Master title style



Click to edit Master title style




The type and style of lenses must be edged correctly to be mounted．

Thickness may need to be added or subtracted to allow
special edge

$$
\begin{aligned}
& \text { peciat eage } \\
& \text { coatings }
\end{aligned}
$$

Click to edit Master title style


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＋Must be ground thicker to add stability around the drill hole Must be ground thicker to add stability around the drill hole
Accentuates thickness since entire lens is in front of the mounting
＋Must be ground thicker to allow for thickness of the groove
－Minimizes thickness by placing the lens to the back of the mounting

+ Cushions and protects to allow edges to be ground to minimum thickness
－Hides Thickness by partially concealing edges
＋Must be ground slightly thicker to prevent warping and chipping
＋Must be ground slighty thicker to prevent warping and
－Accentuates thickness by showing most of the lens edge
Impractical on thin edges
Removes thickens already there

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Frame Style First- Don't be afraid to say no


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44

The bridge fit that distributes the weight of
the glasses over a larger area of the nasal the glasses over larger area of the nasal
surface, , reateses less pressure and conveys 3

The bridge efit that rest the weight of the
glasses on a lesser area of the nasal surface create concencentartete derestasule,
which often leads to pain and iritation 0
$\qquad$ ( $x$
© teonamo
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Five temple styles are available
$\qquad$


 50 $\square$
© เеомавоо
\% Leonaroo





VERTICAL CENTRATION: FITTING HEIGHT

The fitting height is measured from the bottom of
the box to the center of the pupil
Remember to add the depth of the beve.


It must be measured on both eyes as they could be different due to possible facial asymmetry.

Measure fitting height from pupil center to bottom of "box."


Measure fitting heights
When taking measurements
Observe the patient from the same horizontal plane
"Nose to Nose" and "Eye to Eye"

| Observing the patient from above results in a fitting height that is too high | Observing the patient from below or neglecting to correct low lts in a fitting height that is to |
| :---: | :---: |
|  |  |
| - Leonamo | s |

Measure fitting height from pupil center to bottom of "box."

## WHAT DO YOU MEAN BY BOX?

[^0]O Leomaroo
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The Boxing System

Questions?
Paige Shoven pshoven@us.Luxottica.com 214.673 .6842

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Lenses
Materials
Coatings
Frames Shaterial
Frame Adjustments


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[^0]:    Pay attention to the frame shape!

