

ANSI Z80.3-2015 OVERVIEW

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ANSI Accredited Standards Committee (ASC) Z80 has released ANSI Z80.3-2015, Non-Prescription Sunglasses and Fashion Eyewear Requirements. This standard applies to all nonprescription (over-the-counter) sunglasses and fashion eyewear that are normally used for casual, dress and recreational purposes, having lenses of substantially plano power. The Vision Council recommends that all parties that have an interest in the field of nonprescription sunglass and fashion eyewear **purchase a copy from the ANSI webstore**.

This 2015 revision represents the most current consensus of experts in this field. The changes from the 2010 standard are the result of a thorough study by the ANSI Z80.3 committee of the relevance and applicability of its contents.

This revision incorporates a continued effort to more properly explain and clarify concepts and principles, and to more closely align requirements of this standard with similar relevant provisions in existing US and international standards. In addition to minor typographical corrections, changes include:

- Prism power and imbalance are now defined only for finished products in the as-worn position, since lenses with high base curves and/or significant faceform (wrap) angles must include the proper compensating prism in the lens blanks to ensure minimal prism in the final product.
- Luminous transmittance variations and tolerances are now provided in units of percent rather than density.
- Definitions of reference point, special purpose lenses, and polarization axis tolerance have been added.
- Minimum luminous transmittance of gradient tint lenses is modified.
- A figure demonstrating assessment of cosmetic lens quality is added.
- Procedure for assessment of frame flammability is amended.
- Finally, new requirements for frame durability, such as corrosion, material safety, and deformation, which already exist in other standards, are added.

Should you have any further questions regarding this update, please contact The Vision Council's Technical Director, Michael Vitale via email, mvitale@thevisioncouncil.org.