



HEXETATE[®]
Believe in Better

WWW.HEXETATE.COM



FIND THE NEEDS IN EYEWEAR INDUSTRY

HEXETATE is our invention 10 years ago as a different plastic option from ACETATE. We are not ACETATE but we convey the Color and Pattern DNA from ACETATE

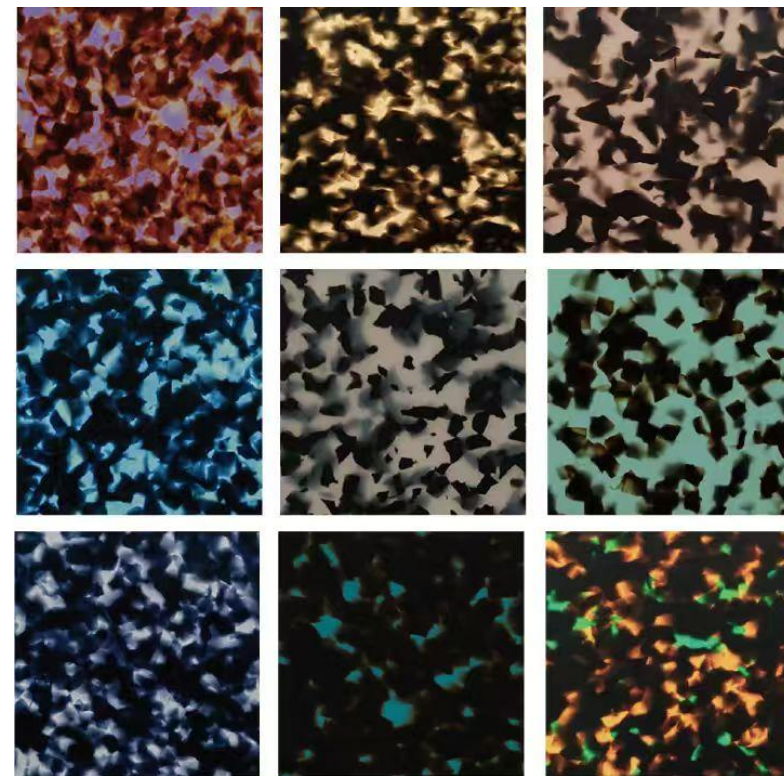
Our inspiration comes from Eyewear Industry 'HEADACHES WHEN USING ACTETATE'. For almost a century, Acetate is still the core plastic material for eyewear. It gives value, color and pattern. The Tortoise, Wood and Horn patterns inside Acetate are structural, not painted so plastic eyewear will never fade. However, as Acetate has its character of water absorption, it creates the issue with shrinkage, temple shape deformation, demo lens cracking and so on. INDUSTRY has the need to find out stable material in order to avoid shrinkage issue and reduce cost on after-sale service due to frame & temple re-adjustments.

HEXETATE found the needs! WE ARE NOT ACETATE. WE ARE MORE STABLE IN SHAPES! We are from PMMA Resin which is without shrinkage issue. Our process to make plastic sheet is the same with ACETATE so we can give the same value, color and patterns to eyewear frame.



HEXETATE 3.0 – a brand-new option from ACETATE

In 2026, we launch HEXETATE 3.0 which shows better stability, light way and toughness when plastic eyewear is processed from a slab to finished frames





HEXETATE 3.0 – why we believe in better

Physical Phase: (supporting docs can be found from our website)

- ✓ 10% lighter than traditional ACETATE
- ✓ Shrinkage rate less than 0.1%, 5 times less than ACETATE
- ✓ NO temple deformation issue, costing saving for retailers on temple adjustments
- ✓ NO frame bridge open issue as the material will not absorb water and stable in shapes
- ✓ NO AC or PC demo lens crack issue as the frame will not get shrinkage

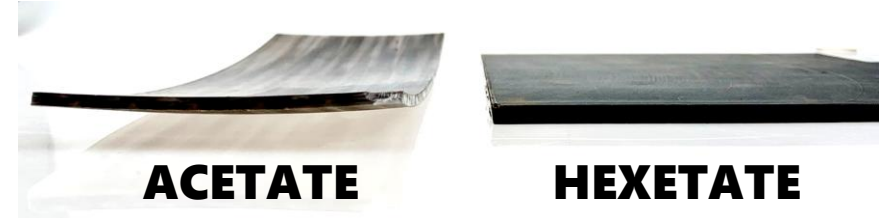


HEXETATE 3.0 – why we believe in better

Chemistry Phase: (supporting docs can be found from our website)

- ✓ Phthalates free
- ✓ BPA free
- ✓ PASSED SVHC 253 Reach Regulation
- ✓ PASSED RSL heavy metal test
- ✓ PASSED Resistance to perspiration (skin contact)
- ✓ PASSED UV-CONDENSATION EXPOSURES TEST





HEXETATE 3.0 – why we believe in better

Manufacturing Phase:

- ✓ No need to do pre-CNC baking section, 1 week time saving for frame production
- ✓ No Acid or Plasticizers inside the material, no smell bad any more in the workshop
- ✓ We keep the sheet always flat due to its non-shrinkage nature
- ✓ Same CNC, Tumbling, Wire-core shooting and Polish process with Acetate
- ✓ No need to spend days to re-adjust the temples after finishing eyewear production

An aerial photograph of a dense forest, likely a coniferous forest, with a winding river or stream visible on the left side. The trees are a mix of green and yellow-green, suggesting a mix of species or perhaps autumn foliage. The river is a light brown color, contrasting with the green of the forest.

Thank You
Contact us for more info

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