

LOCTITE®

LOCTITE® InvisiPrint™

InvisiPrint is a patented technology that represents an innovative approach to preventing the appearance of fingerprints on the surface of products. The product is PFAS free.



CUSTOMER NEEDS

- **Reducing fingerprint visibility** on display touch screens
 - Current anti-fingerprint (oleophobic) coatings are easy to clean but increase visibility of fingerprints due to light refraction through the droplet on the surface which creates haze/difficulty in viewing.
- Best in class mechanical **durability**
- Application techniques to match with **effective mass-production process**
- **PFAS free** material
 - Current anti-fingerprint coating materials utilize PFAS and high emission fluorosolvents, in addition PFAS fluorinated compositions will be phased out starting 2025.



HENKEL INNOVATION SOLUTIONS

Henkel Innovation - NBD Nano - developed coating materials that are resistant to sebum and sweat, preventing the visibility of fingerprint haze on the device's display over prolonged use.

- The oleophilic properties spread the oil of a fingerprint allowing light to pass through undeterred, **making the fingerprint invisible** at most viewing angles.
- InvisiPrint has **easy-to-clean** properties that are maintained by its hydrophobic nature.
- Proprietary polysiloxane backbone enables **best in class durability**
- Easy to **apply by spraying, dipping or wiping** and cure in oven in 40 min at 120°C
- Option to **apply via Physical Vapor Deposition (PVD)** with PVD pellets
- InvisiPrint is **PFAS free**.

CONTACT US TO LEARN MORE

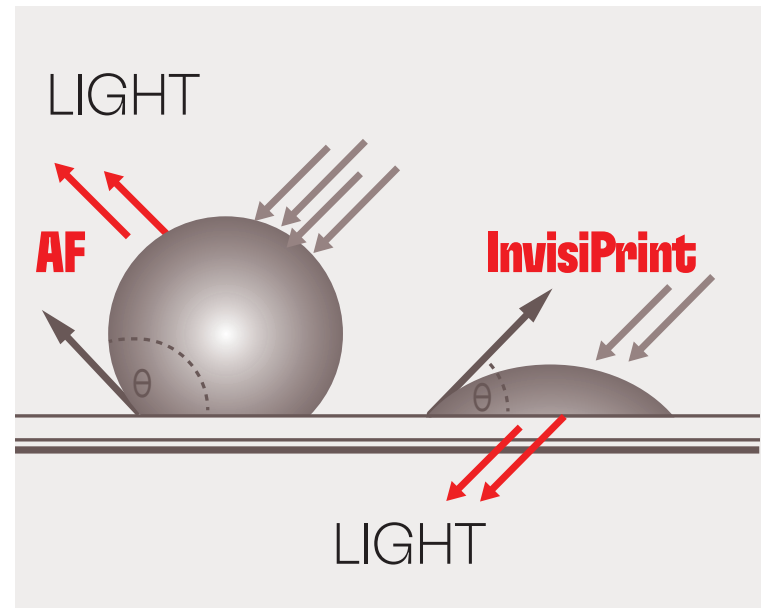


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Technological breakthrough: a patented approach functionalizing the core molecular structure.

Henkel Adhesive Technologies