



LOCTITE® ANTI-FINGERPRINT SUSTAINABLE ANTI-FINGERPRINT COATING

Henkel's Loctite Anti-Fingerprint products provide performance suitable for automotive displays and touchscreen applications as a sustainable, environmentally conscious alternative without compromising user experience.



Benefits

- **Future-Ready, Regulation-Compliant Design** : Developed to meet growing regulatory requirements and increasing market demand for safer, fluorine-free coating technologies.
- **Easy-Clean Anti-Fingerprint Performance** : Effectively repels fingerprints and smudges for a cleaner surface appearance 'without the use of fluorinated materials'.
- **High Performance Without Compromise** : Delivers excellent durability, optical clarity, and cleanability on par with conventional fluorinated anti-fingerprint coatings.



Sustainability Value

PFAS eliminated

Significant **CO₂ reduction** in manufacturing process because of **elimination of PFAS & fluorosolvents** which carry high CO₂ emissions and Global Warming Potential (GWP)





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HENKEL offers automotive grade sustainable anti-fingerprint coatings on two types of surfaces.

LOCTITE AF 8810 : fluorine-free optical coating for plastic touchscreen surface

LOCTITE AF 8812 : fluorine-free optical coating for glass touchscreen surface

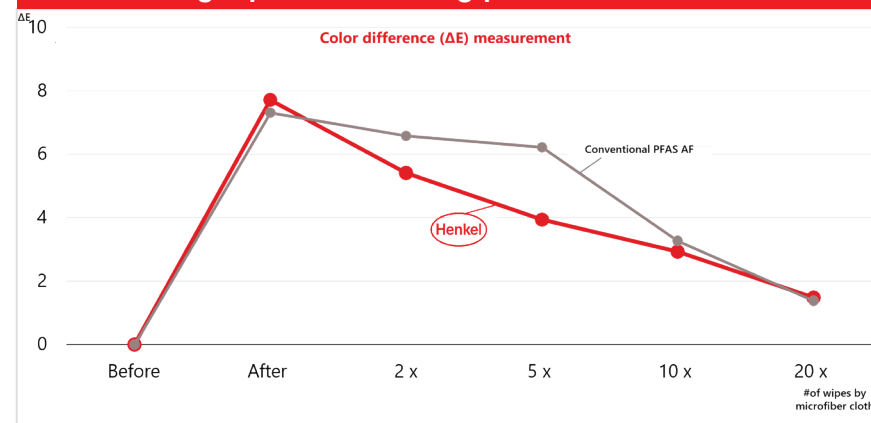
Product Properties

Property	Typical value	
Product Name	AF 8810	AF 8812
Thickness (nm)	6~50	6~50
Hardness	Depending on the substrate	9H (on glass)
Co-efficient of friction	0.03~0.05	0.08-0.10
Water contact angle (WCA)	103-106	101-104
Abrasion performance	WCA>95 (100 cycles, cotton abrasion)	WCA>90 (5000 cycles, eraser abrasion)
Transparency Difference(ΔT) (%)	<1	<1

Typical Curing Condition (for glass substrate)

Coating Process	Curing Method	Curing Time
Spray	Heat	30 min. at 120°C
PVD	Heat [optional]	30 min. at 120°C or >1 hour at 25°C

Fingerprints cleaning performance



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