

# HZ150UV specification

## 1.Product Description (150 self-healing UV shaping film)

Product Description: The product is mainly suitable for the screen protection of electronic products, especially for the electronic products with the arc edge of the screen, after it is attached to the screen, and then the light setting, the protective film will harden and set, can stick the screen and the surface part of the surface does not rebound, and has a glass texture, perfect solution to the hot bending rebound instability or curved glass fragile and other problems.

**Feature 1:** No need to keep pressure, fit to the screen of the mobile phone and directly light the lamp to set the shape ;

**Feature 2:** the surface coating is repaired in seconds, and the scratches are repaired within 2s by slipping through with a copper brush;

**Feature 3:** the surface coating is super smooth, comfortable in the hand, and anti-fingerprint, can be eliminated by gently wiping;

**Feature 4:** Excellent shaping effect, no rebound, with excellent anti-nail imprint effect.

## 2.Schematic diagram of product structure

the PET layer preserved on top
the adhesive layer on top
Self healing layer
PET use layer1
UV setting layer
PET use layer2
Silica gel layer
release film
The bottom protective film layer

## 3.Product Data

Item	value	method
total thickness	360±6 μm	thickness gauge
Used layer thickness	150±5 μm	thickness gauge
Copper brush test (after curing)	Instant repair without scratch	10 trips with 300g load
offset print	The scratch can be recovered	50g, HB, can be recovered within 120s
contact angle(after curing)	≥100°	contact angle tester
Transmittance (after curing)	≥90%	Light transmittance haze meter
haze(after curing)	≤2%	Light transmittance haze meter
Viscosity test (for steel plates, before curing)	≥450g/inch	Peeling force tester
Viscosity test (for AF screen, before curing)	≥17g/inch	Peeling force tester
Tear film force (before curing)	0.5-6g/inch	Peeling force tester
Tear film force (after curing)	0.5-6g/inch	Peeling force tester
tearing force of the bottom film (before curing)	0.5-6g/inch	Peeling force tester
high temperature test	No obvious abnormality	80℃ , 72h
high humidity test	No obvious abnormality	60℃ *90%RH*72h

The above data are for reference only, and the actual test shall prevail

## 4.Product size specification

The inner diameter of the core is 76.8 ±0.1mm, and the length can be adjusted according to the actual needs of customers.

## 5. Product storage conditions

It is recommended to store at a temperature of 25±3℃, in the dark environment, avoid exposure to sunlight or rain, the best shelf life is 2 months, if beyond the storage guarantee period, please be sure to re-test before use.