

**3M** Science.  
Applied to Life.™

Put the power  
of light to  
work for you.

**3M™ UV  
Activated Tapes**



# Light-activated tapes with semi-structural strength.

Small electronics require superior adhesives to bond components for the life of their use. But it can be hard to find the bonding strength your designs require without the complexity involved in applying liquid adhesives.

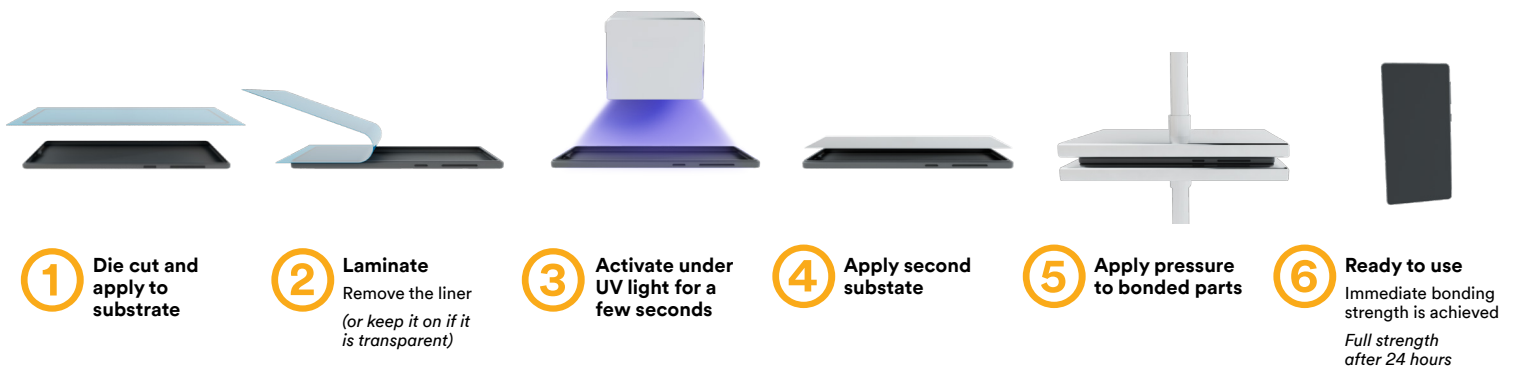
Introducing a new adhesive on the 3M bonding continuum. 3M™ UV Activated Tapes have semi-structural strength but handle like pressure-sensitive adhesives (PSAs). These thin tapes are ideal for bonding small components, and since they cure with light, they work well in applications where high temperatures and pressure are of concern.

## Applications

- Laptop track pads and metal stiffeners
- Fingerprint sensors
- Smartphone front cameras
- Thin decorations or logos
- Microphone/earphone mesh
- Automotive displays
- Refrigerator shelf brackets



## 6 simple steps to strong bonds.



# The best of all bonds.

3M™ UV Activated Tapes combine the benefits of three different bonding technologies into one powerful adhesive. They provide stronger bonds than tapes; they're easier to apply than liquid adhesives; and they activate with light, so they don't require heat.



## Stronger bond than a tape.

- Semi-structural strength
- Excellent overlap shear/push-out adhesion
- Low shrinkage when bond develops

PSA  
Tapes

Stronger Bond

3M™ UV  
Activated  
Tapes

Easier to Apply

Liquid  
Adhesives

No Heat Needed

Heat-  
Activated  
Films



## Easier to apply than liquid adhesive.

- Die-cuttable for precise application
- Room-temperature lamination
- Initial tack for positioning



## No heat needed.

- Activates by light with room-temperature cure
- Full bond develops 24 hours after UV activation
- Bonds non-transparent substrates

# Bond beyond limits.

Don't let design challenges stand between you and your vision. Now you can bond delicate consumer electronics without reliability concerns. 3M™ UV Activated Tapes expand design possibilities with:

- Precise bonding in small areas with thin bond lines
- Bonding of heat-sensitive components
- Pressure sensitive components

All of this comes from the name you know and trust for solutions that inspire — 3M.



**Ready to harness  
the power of light?**

Contact your  
3M representative  
to learn more.

	Product	Thickness	Format	Adhesive color	Front liner	Back liner	Reason for selecting	Status	
UVAF	81010	10um	No carrier	Clear, slightly yellow	Clear 38um PET	Clear 50um anti-static PET	<ul style="list-style-type: none"><li>• Thin &lt;100um</li><li>• Shear strength</li><li>• High modulus</li></ul>	Launched in China	
	81025	25um							
	81050	50um							
	81075	75um							
	81100	100um							
UVAT	30020*	200um	Carrier 13um	Translucent	Clear 75um PET	Clear 40um PP	<ul style="list-style-type: none"><li>• Thickness &gt;200um</li><li>• Impact resistance</li><li>• Reworkability</li></ul>	Launch planned Q1 2025; samples available	
	30025*	250um							
	30030*	300um							
	30035*	350um			Clear 75um PET	No liner			
	30040*	400um							

\*UVAT is currently sampled under development name NPE-1436-C before market launch.

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Electronics Device Bonding  
3M Center, Building 225-3S-06  
St. Paul, MN 55144-1000

Phone 800-362-3550  
Web [3M.com/electronicbonding](http://3M.com/electronicbonding)

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