



# LOCTITE® AA 8671 PSA AD

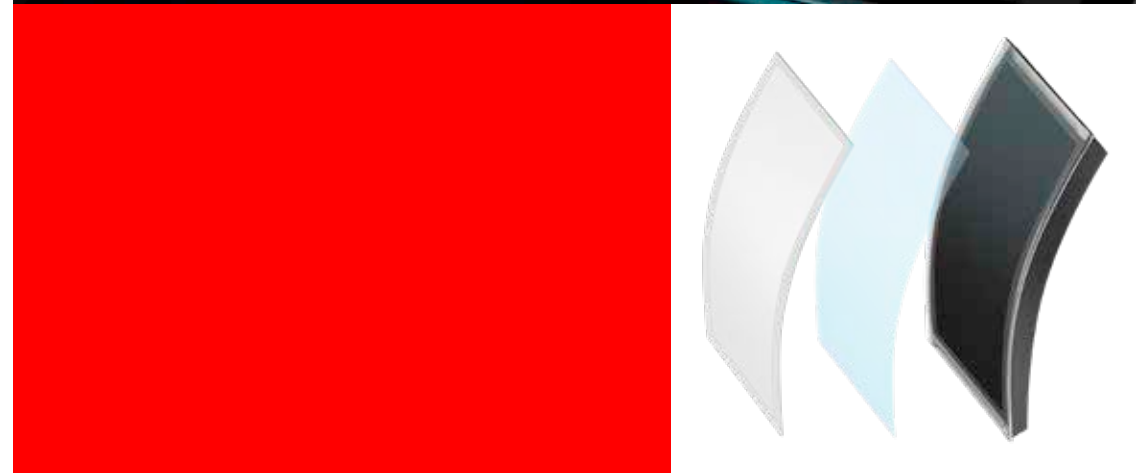
## LIQUID OPTICALLY CLEAR ADHESIVE

LOCTITE® AA 8671 PSA AD is a one-component UV/visible light-curable, acrylic Liquid Optical Clear Adhesive (LOCA). It has been specifically designed for the optical bonding of display modules to improve their optical performance and durability by filling the gaps between the cover lens and TFT module. Upon exposure to UV/visible light, it cures and turns into a pressure-sensitive adhesive (PSA).



### Features & Benefits

- One-Component acrylic material
  - › No mixing required; ready to use for dispensing
- Optimized unique rheology as a PSA
  - › High edge control that suits a narrow frame design
  - › Significantly low Mura immediately after bonding
  - › Enables the true black concept for advanced cockpit designs
- High gap-filling stability and adhesion strength
  - › Very good optical performance - refractive index: 1.48
  - › Suitable for large or curved display lamination
- Effective and fast process
  - › Realization of a fully automated simple process without manual operation



## Areas of application

center information display, instrument panel,  
rear-view digital mirror, entertainment displays,  
head-up display

- Display top cover to LCD module
- Optical lens system

## Performance Characteristics



The main feature of this product is that it remains flexible and tacky even after curing; hence, the display module can be laminated after adhesive curing. The one-time curing step improves the process efficiency.

GET IN CONTACT WITH US

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## Technical Data

Chemistry	1K Acrylic
Appearance	Transparent Liquid
Refractive Index	1.48
Curing Method	UV and UVV
Viscosity, mPa-s (Uncured)	10,000-30,000
Elongation @break, ASTM D412, % (Cured)	>500
Volume shrinkage, Henkel STM 753, %	<3.0
Light transmission @550 nm, % (Cured)	> 98

## Storage Condition

Store the product in a cool, dry, and dark place in sealed containers at a temperature below 25 °C. Protect from UV/visible light and sunlight when not in use.



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