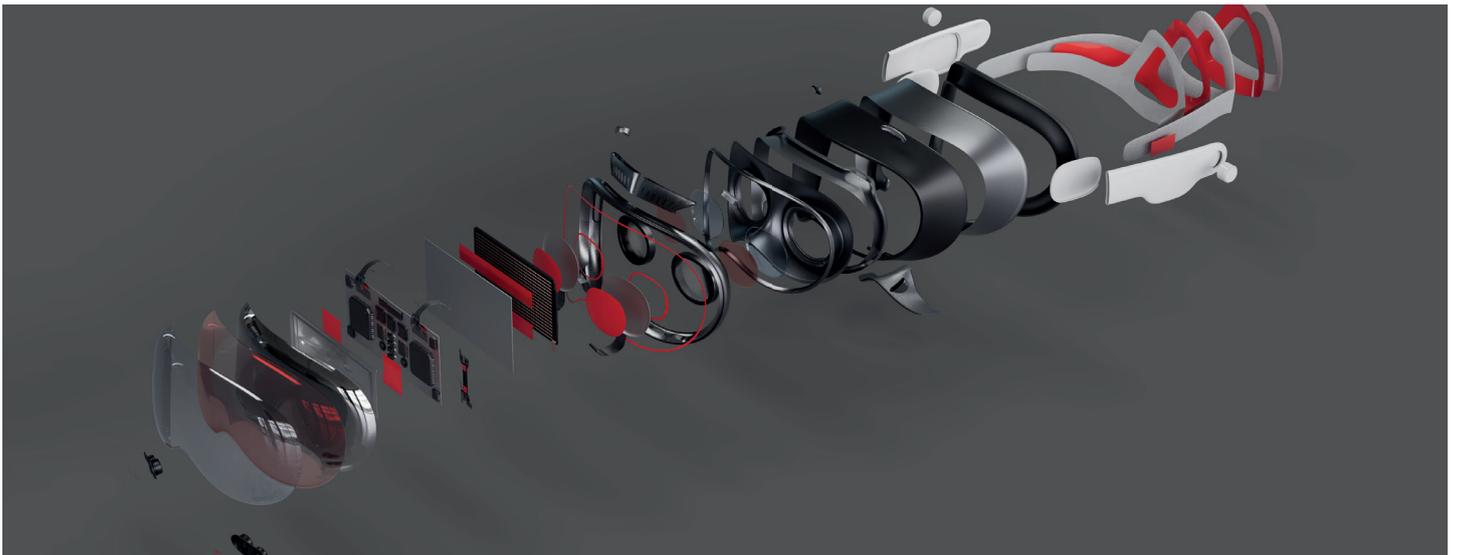


Developing ARVR devices? Our adhesive tapes are the answer



Your partner in ARVR

ARVR headsets represent a huge step forward in electronic device technology. Their all encompassing design transforms the consumer experience. But to produce the next generation of these devices requires manufacturers to think differently. At tesa we can help your design teams do just that. Our range of innovative adhesive tapes for mounting and display purposes, our electronics expertise, and our global networks of Customer Solution Centers, R&D facilities and production sites mean we're the perfect partner to support you in realizing your ARVR vision.

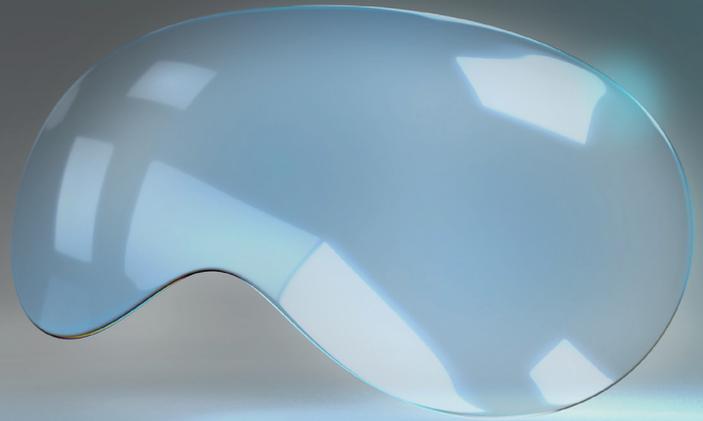


Our whole device solutions

From initial concepts to reworking components, whatever aspect of ARVR production you're focused on, our adhesives are here to help your team achieve your goals.

Designing the future

As your partner in ARVR our adhesive tapes can prove to be the answer to many of your most complex technical challenges - enabling you to develop the must-have ARVR electronics of tomorrow.



1. Soft goods mounting

Our structural bonding solutions provide all the strength needed for the most demanding of applications. They're particularly effective at forming a secure hold for soft goods such as head straps where temperature can affect performance.

2. Grounding and shielding

In ARVR devices, dozens of components are in very close proximity to one another. Our electrically conductive tapes enable EMI shielding, grounding, high conductivity and gap filling, resulting in an effective performance from every component.

3. Thermal management

Unlike conventional Pressure Sensitive Adhesives, our Thermal Management PSAs are highly effective in dissipating heat and regulating device temperature. Each solution features excellent thermal conductivity and surface wet out properties.

4. Camera lens mounting

Wearable devices such as ARVR are vulnerable to chemical exposure, particularly in such areas as the camera lens due to its external position. Our specialist tapes are designed to form a seal that protects both against adhesive penetration and the 'interface creep' that occurs between the adhesive and the component.

5. Lighter devices

As ARVR devices are worn on the head, it is important for manufacturers to keep their physical weight as light as possible. Our range of ultra thin PSA mounting solutions are a lighter alternative to metal screws for securing key components throughout the device.

6. Display module mounting and battery mounting

Our innovative range of removable solutions enable greater reworkability. Valuable components such as the display screen or battery can be permanently mounted and then easily removed without any residue for easier repairing or recycling. These solutions also support manufacturers in complying with 'right to repair' legislation.

7. Display lamination

For display applications of all types, our display lamination tapes provide a dependable solution. Produced in clean room conditions these optically clear adhesives enable total clarity and are fully compatible with other display layers.

8. Display frame mounting

To protect fragile components such as the display bottom against harsh impacts our acrylic foam tapes provide durable cushioning and strong bonding capabilities. Their unique viscoelastic qualities make them the perfect material for shock control.



Get in touch today and together we'll find the answers to your ARVR challenges.