



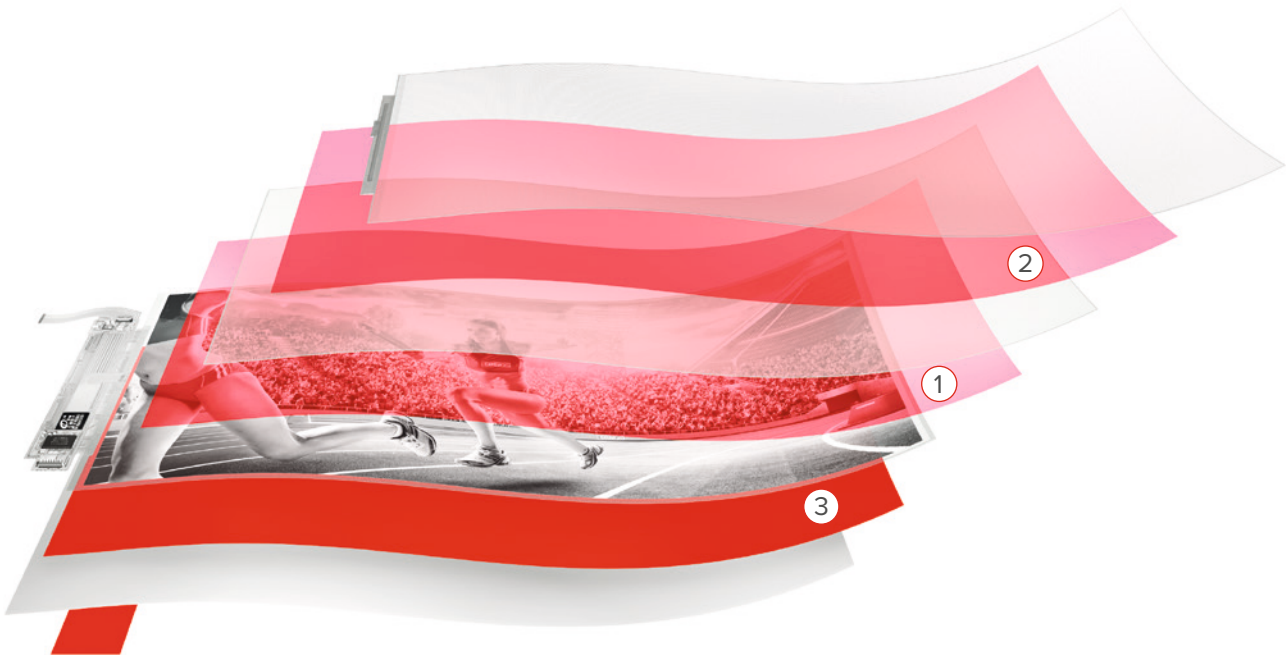
OUR ADHESIVE TAPES FOR FLEXIBLE OLED DISPLAYS

Our extended expertise within the display market enables us to meet the highest requirements for bonding of flexible display designs.

We offer optimized adhesive tape solutions for organic light emitting diode (OLED) displays allowing:

- Bent/curved, foldable, and rollable displays
- Excellent durability with the best protection for the OLED, such as UV- and moisture protection by encapsulation
- Use of sensitive materials
- The thinnest device designs
- Efficient processing, easy, clean, and fast – roll to roll and roll to sheet possible

Efficient
Processing for
Curved and Foldable
Displays

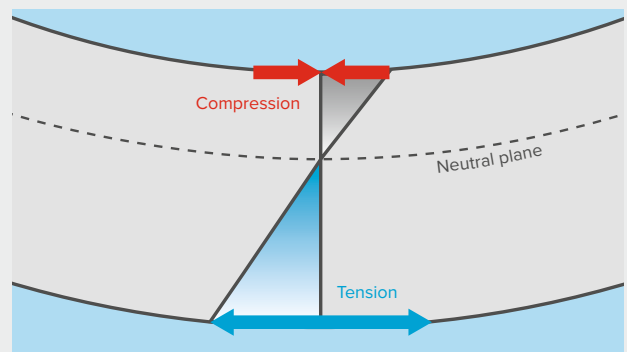


- ① **Encapsulation of OLED and lamination of barrier film with tesa® Barrier tapes**
 - Moisture barrier function in xy direction
 - Tapes with and without getter function (lag time)
- ① **Film lamination above OLED, e.g. barrier film, touch sensor, cover film**
 - ② • Superior transmission and low haze
 - Excellent bonding on various substrates
 - PSA and UV-curing tapes
 - Noncorrosive or UV-blocking tapes
- ② **Optically clear lamination of sensors and cover films with tesa® OCA tapes**
 - Moisture barrier tapes (tesa® BarrierOCA)
 - Low-dielectric-constant tapes
- ③ **Film lamination on the back side of the OLED, e.g. sensors or flexible backplanes**
 - Noncorrosive tapes
 - Tapes for cushioning and dampening with various compression and recovery rates
 - Low-dielectric-constant tapes

Our tapes for flexible displays

- Excellent repulsion resistance and high bonding strength
- Best performance in static and dynamic bending tests
- Various proven and new development products

Stress distribution in bent or curved devices



We also offer adhesive tapes for:

- Shielding and grounding
- Component mounting
- Covering, e.g. fixation, protection, insulation
- Heat management