PERFECT FIT FOR INTERIOR FIT-OUT

Our Bonding Solutions for Maximized Efficiency
Glass to glass
  e.g. office partitions

Application requirements
  • Immediate bonding
  • Invisible joint possible
  • Excellent resistance against UV, temperature, humidity and chemicals
  • Complete seal mitigating noise and smell transfer
  • Compensation of uneven surface (glass)

Product recommendation
  • tesa® ACX™ 704x
  • tesa® ACX™ 705x
  • tesa® ACX™ 707x

Glass in frame
  e.g. office partitions and clean rooms

Application requirements
  • Immediate bonding on glass, profile or frame materials such as plastics, aluminum or wood
  • Excellent resistance against UV, temperature, humidity and chemicals

Product recommendation
  • tesa® ACX™ 704x
  • tesa® ACX™ 705x
  • tesa® ACX™ 707x

Clear Advantages in Productivity, Durability and Design

OFFICE PARTITIONS

Glass to frame
  (flush design)
  e.g. glass partitions and clean rooms

Application requirements
  • Immediate bonding on glass, powder coats or aluminum
  • Stable bond to keep glass panel in place
  • Possible to achieve a flush design: optical tape coverage not needed
  • tesa tools for bubble free application on glass

Product recommendation
  • tesa® ACX™ 704x
  • tesa® ACX™ 707x
  • tesa® ACX™ 709x

Glass in frame
  (flush design)
  e.g. glass partitions and clean rooms

Application requirements
  • Immediate bonding on glass, powder coats or aluminum
  • Stable bond to keep glass panel in place
  • Possible to achieve a flush design: optical tape coverage not needed
  • tesa tools for bubble free application on glass

Product recommendation
  • tesa® ACX™ 704x
  • tesa® ACX™ 707x
  • tesa® ACX™ 709x

Applications
INTERIOR WALL CLADDING

**tesa® 62936**
Confirms longterm adhesion performance after IEC 61215/61646 climate tests and a 85°C temperature resistance.
- Report No. 21209595

**Product recommendation**
tesa® ACXplus® 707x

Panels/mirrors to wall
- e.g. interior decoration for commercial buildings and hotels

**Application requirements**
- Immediate bonding on different substrates (panel and substructure)
- Stable bond to keep panel in place
- High shear resistance when bonding larger/heavy elements

**tesa® 62936**
Confirms mechanical strength tested at low & elevated temperature after temperature/UV aging and after aging in water/cleaning solution.
- Report No. 10-000666-PB01-K01-09-en-02

**Product recommendation**
tesa® 4939 (carpet and vinyl)
tesa® 625xx (planks)

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**Processess to the Next Level**

**tesa® 62936**

**Applications 4**

** tesa® 62936**

Confirm mechanical strength tested at low & elevated temperature after temperature/UV aging and after aging in water/cleaning solution.
- Report No. 10-000666-PB01-K01-09-en-02

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**FLOORING**

**Permanent fixing of flooring materials**

**Application requirements**
- Secure bonding of rough and fibrous material, e.g. carpets
- Reliable mounting of planks, sheets or tiles made of different material (vinyl, wood, laminates etc.)
- Excellent outdoor resistance if needed

**Product recommendation**
tesa® 4939 (carpet and vinyl)
tesa® 625xx (planks)

**Benefits of working with tapes**

<table>
<thead>
<tr>
<th></th>
<th>Double-sided tapes</th>
<th>Liquid glue</th>
<th>Mechanical fastening (e.g. rivets, screws, nails)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quality</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Noise-dampening properties – sounds caused by vibration are eliminated</td>
<td>••••</td>
<td>••</td>
<td>•</td>
</tr>
<tr>
<td>Shock absorption</td>
<td>••••</td>
<td>••</td>
<td>•</td>
</tr>
<tr>
<td>Sealing function – tape seals and protects against dust and moisture</td>
<td>•••••</td>
<td>••••</td>
<td>•••••</td>
</tr>
<tr>
<td>Reduced risk of corrosion</td>
<td>•••••</td>
<td>••••</td>
<td>•</td>
</tr>
</tbody>
</table>

**Applications 5**
**HEATED AND CHILLED CEILINGS**

**Bonding of heat conducting rails**

**Application requirements**
- High thermal conductivity
- Immediate bonding on metal surfaces
- Black PET backing available

**Product recommendation**
- tesa® 4943
- tesa® 51982

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**Improved processes with engineered tools**

Our solutions go beyond tape. We provide technical consulting and proven application tools, in order to implement a fast and reliable production process at our customers. tesa® application systems are easy to use and enable constant quality. We are scaling them depending on production output and complexity. Benefit from an individual and cost-efficient solution.

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**Technical product information**

**Double-sided adhesive tapes**

<table>
<thead>
<tr>
<th>Product</th>
<th>Backing</th>
<th>Adhesive type</th>
<th>Color</th>
<th>Liner</th>
<th>Thickness [µm]</th>
<th>Temperature resistance short/long [°C]</th>
<th>Ultimate adhesion to steel [N/cm]</th>
<th>Additional thicknesses [µm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>tesa® ACX™ 7048</td>
<td>Foamed acrylic</td>
<td>Pure acrylic</td>
<td>Gray/white</td>
<td>Filmic</td>
<td>2000</td>
<td>170/120</td>
<td>38</td>
<td>500, 1000, 1500</td>
</tr>
<tr>
<td>tesa® ACX™ 7058</td>
<td>Solid acrylic</td>
<td>Pure acrylic</td>
<td>Transparent</td>
<td>Filmic/paper</td>
<td>2000</td>
<td>200/100</td>
<td>29</td>
<td>500, 1000, 1500, 3000</td>
</tr>
<tr>
<td>tesa® ACX™ 7078</td>
<td>Foamed acrylic</td>
<td>Pure acrylic</td>
<td>Black</td>
<td>Filmic/paper</td>
<td>2000</td>
<td>220/120</td>
<td>40</td>
<td>500, 1000, 1500</td>
</tr>
<tr>
<td>tesa® 62510</td>
<td>PE foam</td>
<td>Tackified acrylic</td>
<td>Black/white</td>
<td>Filmic/paper</td>
<td>1000</td>
<td>80/80</td>
<td>13.5</td>
<td>500, 800, 1100, 1200, 1600</td>
</tr>
<tr>
<td>tesa® 62936</td>
<td>PE foam</td>
<td>Tackified acrylic</td>
<td>Black/white</td>
<td>Filmic/paper</td>
<td>1600</td>
<td>80/80</td>
<td>19</td>
<td>500, 800</td>
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<tr>
<td>tesa® 4939</td>
<td>Cloth</td>
<td>Synthetic rubber</td>
<td>White</td>
<td>Glassine</td>
<td>250</td>
<td>80/40</td>
<td>5.5</td>
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</tr>
<tr>
<td>tesa® 4943</td>
<td>Non woven</td>
<td>Tackified acrylic</td>
<td>Transparent</td>
<td>Paper</td>
<td>100</td>
<td>100/70</td>
<td>8.1</td>
<td>–</td>
</tr>
<tr>
<td>tesa® 51982</td>
<td>PET film</td>
<td>Tackified acrylic</td>
<td>Black</td>
<td>Filmic/paper</td>
<td>100</td>
<td>200/100</td>
<td>11.7</td>
<td>–</td>
</tr>
</tbody>
</table>

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**New product feature creates benefits for partition wall applications**

**Adhesive Neutralized Edges**

We invented a process of applying a very thin glass-like layer to the edges of tape rolls. With our process we offer our customers a highly transparent tape with Adhesive Neutralized Edges:
- tesa® ACX™ 7058
- tesa® ACX™ 75530

**Benefits**
- Easy handling of tape rolls in the assembly process
- Tape edges stay free of contamination from dust or dirt
- Premium optical appearance of the mounted partition wall
- Easy cleaning after installation
Our management system is certified according to the standards ISO 9001, ISO/TS 16949, and ISO 14001.

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