

Duplocoll® 377

Art. No. 11 742 I 00

Double-sided, transparent, distortion-free adhesive mounting tape

Product construction

| | Name | Colour | Thickness [mm] |
|-----------------------------|--------------------|-------------|---------------------|
| Liner | Polypropylene film | red | approx. 0,06 |
| Adhesive closed side | Modified acrylic | | |
| Carrier | Polyester film | transparent | approx. 0,20 |
| Adhesive open side | Modified acrylic | | |
| Total thickness: | | | approx. 0,26 |

Product advantages

- Good initial and final adhesion
- High shear strength
- Good ageing resistance
- Extensive resistance to the influence of chemicals (domestic cleaning material and polishing agents)

Main application fields

- Making plastics, signs, face plates and scales in the electrical and electronic industries self-adhesive
- Self-adhesive, distortion-free preparation of rubber goods (mouldings, profiles)

Product features

| | |
|----------------------------|-------|
| Initial adhesion (tack) | ● ● ● |
| Final adhesion | ● ● ○ |
| Dimensional stability | ● ● ● |
| Adhesion on even surfaces | ● ● ● |
| Adhesion on rough surfaces | ● ● ● |
| Ageing resistance | ● ● ○ |
| Weathering resistance | ● ● ○ |
| Chemical resistance | ● ● ○ |
| Resistance to plasticizers | ● ● ● |

Applicability on

| | |
|----------------------------------------|-------|
| Foam | ○ ○ ○ |
| Rubber | ● ● ○ |
| Fabric | ● ● ● |
| Glass/Ceramics | ● ● ● |
| Wood | ● ● ● |
| High energy plastics: PVC, PC, ABS,... | ● ● ● |
| Low energy plastics: PE, PP,... | ● ● ○ |
| Metal | ● ● ● |
| Paper/Cardboard | ● ● ● |

● ● ● very suitable

● ● ○ suitable

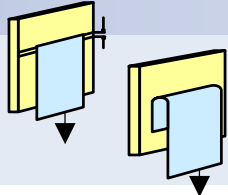
● ○ ○ suitable with reductions

○ ○ ○ not suitable

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| Technical Data | | |
|--------------------------|--------------------------------------------------------------------|--------------------------|
| Shear strength | on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C | 60 N/625 mm ² |
| Peel strength | on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C | 35 N/25 mm |
| Temperature range | | -40 °C to +120 °C |



| Application | |
|--------------------------------------------|------------------------------------------------------------------|
| Recommended application temperature | 18 °C to 35 °C |
| Application guidelines | www.lohmann-tapes.com |

| Storage |
|---------------------------------------------------------------------------------------------------------------------------------------|
| Adhesive tapes should be stored at room temperature and normal humidity (50 – 70%). The storage stability is one year after delivery. |

| Product presentation | | |
|--------------------------------|--------------------------------------------------|---------|
| Converted product | Rolls | |
| Width [mm] | > 6 | > 12 |
| Length [m] | 50 | 100/200 |
| Max. log width: 1000 mm | Other dimensions, die-cuts and sheets on request | |

For mechanical mounting of this adhesive tape we also offer a wide range of application devices.

| Variants | Duplocoll® 376 | | Duplocoll® 378 F | |
|------------------------------|----------------------------|----------------|--------------------------------|----------------|
| | Name | Thickness [mm] | Name | Thickness [mm] |
| Liner | Polypropylene film red | 0,06 | Polypropylene film red | 0,06 |
| Adhesive covered side | Modified acrylic | 0,20 | Modified acrylic | 0,21 |
| Carrier | Polyester film transparent | | Polypropylene film transparent | |
| Adhesive open side | Modified acrylic | | Modified acrylic | |

The physical characteristics contained in our data sheets represent typical or average values. They do not represent any warranties or guarantees and must not be used for technical specification purposes. All application related statements, information and recommendations herein are given to the best of our knowledge and practical experience. The buyer is responsible for determining the suitability of the specific tape for its intended use in connection with user's method of application. Please consult our Technical Applications Department for specific advice. Our general Term and Conditions of Sale apply, particularly with regard to warranty and liability.

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