

DuploCOLL® 69020

0.20mm Double-sided PET tape. The tackified acrylic adhesive offers excellent hold on various surfaces, high tack, and good shear strength.

Product construction

	Name	Colour	Thickness [mm]
Liner	Polyethylene	Transparent Red	approx. 0.07
Adhesive covered side	Modified acrylic		approx. 0.20
Carrier	PET	Transparent yellowish	
Adhesive open side	Modified acrylic		
Total thickness:			approx. 0.27

Product advantages

- Suitability for critical demands such as heavy stress and high temperatures
- Reliable bond, often also on low surface energy surfaces
- Immediate usability right after assembly

Main application fields

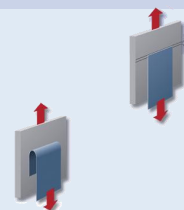
- Securing LED lighting to the flooring or labels to doors within commercial airliners
- Mounting decorative POS materials and displays
- ABS plastics-parts mounting for the car industry
- Self-adhesive mounting for rubber/EPDM profiles
- Decorative molding and profile mounting in the furniture industry
- Battery pack, lens, and touch-screen mounting for electronic devices

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Technical Data

Shear strength	on steel according to DIN EN 1943, edition 1996, at +23 °C +/- 2°C, RT 10mins, holding 4hrs	40 N/625 mm ²
Peel strength	180° peel strength on steel according to DIN EN 1939, edition 1996, 10 mins at +23 °C +/- 2°C	24 N/25 mm



Application guidelines

- Surface should be dry, clean and free of grease and dust for maximum bonding strength.
- Pressure is essential to get bonding initiated for any pressure sensitive adhesive tape. 1-1.5kg/cm² pressure is generally recommended to have direct contact between adhesive layer and substrates.
- Ideal application temperature is 18-35°C. Application at below 10°C could be challenging because adhesive becomes too firm to adhere readily. Once properly applied, adhesive could withstand harsh environment. The specific test data could be referred.
- Bonding strength will increase with the time being and get most part of final bonding strength after 24h.
- For lamination onto rough or porous surfaces (e.g. foam) additional heat (e.g. IR) would improve adhesion.

Storage

Adhesive tapes should be stored at room temperature and normal humidity (50-70 %).
The storage stability is 1 years after delivery.

Product size

Max. log width: 1230mm
Slit roll and spool on request

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

IMPORTANT NOTE

The physical characteristics contained in this data sheet represent typical or average values. All application related statements, information and recommendations herein are given to the best of our knowledge and practical experience. Many factors beyond our control and uniquely within buyer's knowledge and control can affect the use and performance of our tape in a particular application. EXCEPT AS EXPRESSIVELY AGREED IN WRITING WE DO NOT TAKE OVER ANY WARRANTY OR LIABILITY FOR THE SUITABILITY OR USABILITY OF OUR TAPES FOR CERTAIN PURPOSES AND APPLICATIONS RESULTING FROM BUYER'S SPECIAL USAGE OF THE TAPES. EXCEPT WHERE PROVIDED BY MANDATORY LEGAL PROVISIONS, WE WILL NOT BE LIABLE FOR ANY DIRECT OR INDIRECT MATERIAL OR IMMATERIAL LOSSES OR DAMAGES ARISING FROM THE USAGE OR APPLICATION OF OUR TAPES. Solely the buyer is responsible for determining the suitability of the specific tape for its use in connection with his method of application. Please consult our Technical Applications Department for specific advice.

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