

# DuploFLEX® FS 55

Art. No.11 31 00

**Double-sided splicing tape with splitting capability for flying splices of filmic material in flexographic printing**

Product construction			
	Name	Colour	Thickness [mm]
Liner	PE-Paper	white	approx. 0,07
Adhesive covered side	Rubber solvent	green	approx. 0,18
Carrier	Paper laminate	white	
Adhesive open side	Rubber solvent	white	
<b>Total thickness:</b>			approx. 0,25

## Product advantages

- High tack and good adhesion on nonpolar surfaces
- Very good splitting capability for a smooth and safe roll change
- Tearable by hand
- Easy-release split liner
- Easy to apply - no need for complex patterns or multiple tapes

## Main application fields

- Splicing of filmic material in any kind of film converting process like flexo and rotogravure printing as well as laminating processes

Product features	Applicability on
Initial adhesion ●●●	Foam ○○○
Final adhesion ●●●	Rubber ○○○
Dimensional stability ●●●	Fabric ○○○
Adhesion on even surfaces ●●●	Glass/Ceramics ○○○
Adhesion on rough surfaces ●○○	Wood ○○○
Ageing resistance ●○○	High energy plastics: PVC, PC, ABS,... ●●●
Weathering resistance ●○○	Low energy plastics: PE, PP,... ●●●
Chemical resistance ●●○	Metal ○○○
Resistance to plasticizers ●○○	Paper/Cardboard ●●●

●●● very suitable    ●●○ suitable    ●○○ suitable with reductions    ○○○ not suitable

## Specific technical data\*

**Temperature range** -20 °C to +70 °C

\* Specific test results, statistically not approved.

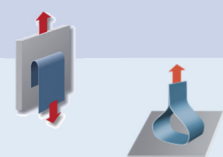


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Technical Data		
<b>Peel strength</b>	on steel according to DIN EN 1939, edition 1996, at +23 °C +/- 2°C	30 N/25 mm
<b>Tack</b>	on steel according to internal standard	18 N/25 mm



### Application

**Recommended application temperature** 18 °C to 35 °C

**Application guidelines** [www.lohmann-tapes.com](http://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

<b>Converted product</b>	Rolls				
<b>Width [mm]</b>	50				
<b>Length [m]</b>	66				

For mechanical mounting of this adhesive tape 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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 **Lohmann**  
The Bonding Engineers