

DuploFLEX® 5.3 Plus

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Art. No. 11 852 M 08

Compressible 0.55 mm (0.020") thick foam tape with distinctive white colour for the mounting of plates in high-quality flexographic printing

Product construction

	Name	Colour	Thickness [mm]
Liner	embossed PP film	white	approx. 0,13
Adhesive closed side	acrylic with lower adhesion		approx. 0,55
Carrier	medium-hard PE foam	white on the plate side	
Adhesive open side	acrylic with higher adhesion		
Total thickness:			approx. 0,68

Product advantages

- The hardness of the foam is clearly indicated by the colour coding system used.
- The new adhesive system enables easy repositioning without lifting the tape from the cylinder whilst giving a reliable bond even during long and fast press runs (no plate lifting).
- Easy and clean demounting without residue on either plate or cylinder
- No shellacking necessary
- The flexible embossed film liner is designed for improved handling and virtually bubble-free mounting
- The adhesion of DuploFLEX® Plus is increased approx. 20 % on both sides in comparison to DuploFLEX® range

Main application fields

- Delicate process printing
- Highlights
- Very fine lines
- Minimized dot gain

Technical Data

Temperature range -20 °C to +90 °C

We renounce to state adhesion values according to DIN EN in our data sheet since they do not have a direct relevance to the actual requirements of the application of mounting photopolymer plates.

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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]	300	457
Length [m]	10/25	10/25
Max. log width: 1060 mm	Other dimensions on request	

Variants	Duploflex® 5.1 Plus		Duploflex® 5.2 Plus	
	Name	Thickness [mm]	Name	Thickness [mm]
Liner	embossed PP film white	0,13	embossed PP film white	0,13
Adhesive covered side	acrylic with lower adhesion	0,55	acrylic with lower adhesion	0,55
Carrier	soft PE foam yellow		medium-soft PE foam magenta	
Adhesive open side	acrylic with higher adhesion		acrylic with higher adhesion	
Duploflex® 5.4 Plus				
	Name	Thickness [mm]		
Liner	embossed PP film white	0,13		
Adhesive covered side	acrylic with lower adhesion	0,55		
Carrier	hard PE foam cyan			
Adhesive open side	acrylic with higher adhesion			

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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LOHMANN GmbH & Co. KG
 Pressure Sensitive Adhesive Tapes Division
 Postfach 14 54 • D-56504 Neuwied
 Tel. + 49 (0) 26 31 34 - 0
 Fax + 49 (0) 26 31 34 - 6661
 E-mail: info@lohmann-tapes.com

For further information
www.lohmann-tapes.com

