ORAFLEX® 118 Series

Cushion Mounting Tapes

ORAFLEX® Cushion Mounting Tapes guarantee top quality for the entire printing process.

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Cushion Mounting Tapes

ORAFLEX® Cushion Mounting Tapes are made with modern pressure-sensitive acrylate adhesives and based on the latest product designs. The specially developed adhesives offer different levels of adhesion and suitability for repositioning. **ORAFLEX®** Cushion Mounting Tapes are highly resistant to the solvents used in the flexographic printing industry.

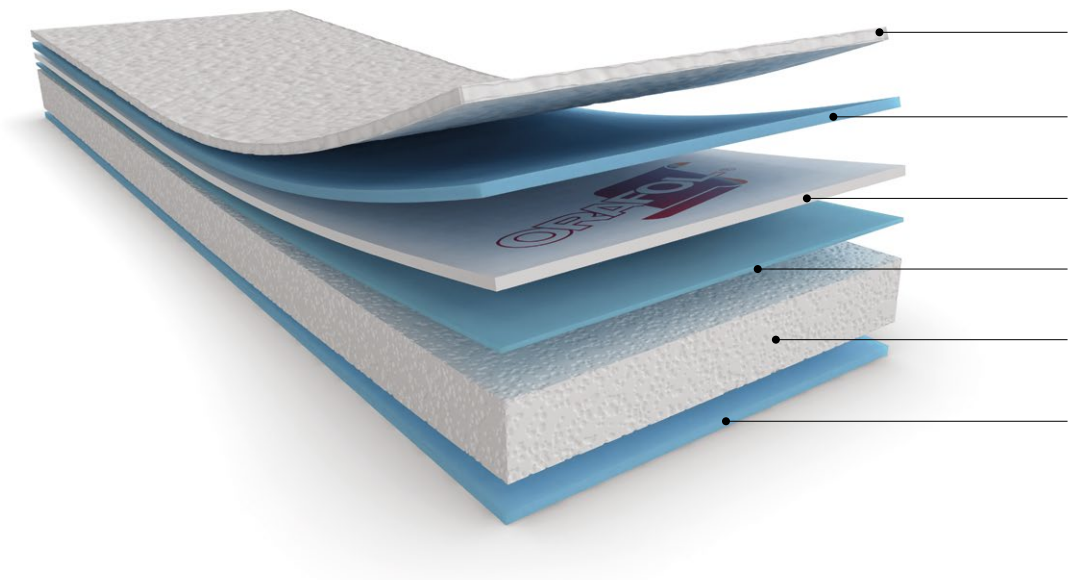
Product advantages

- easy processing and optimised reusability
- perfect damping/absorption of vibrations during the printing process
- high tolerance to pressure changes
- wide range of linear dot gains

Technical data

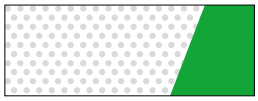
- double-sided adhesive tape with foam carrier for mounting plates on pressure cylinders
- thickness category: 0.5 mm / 20 mil
- strong adhesion on a cylinder
- variable adhesion on a pressure plate (weak, medium, strong)
- variable foam hardness (soft, medium, firm)

Product design

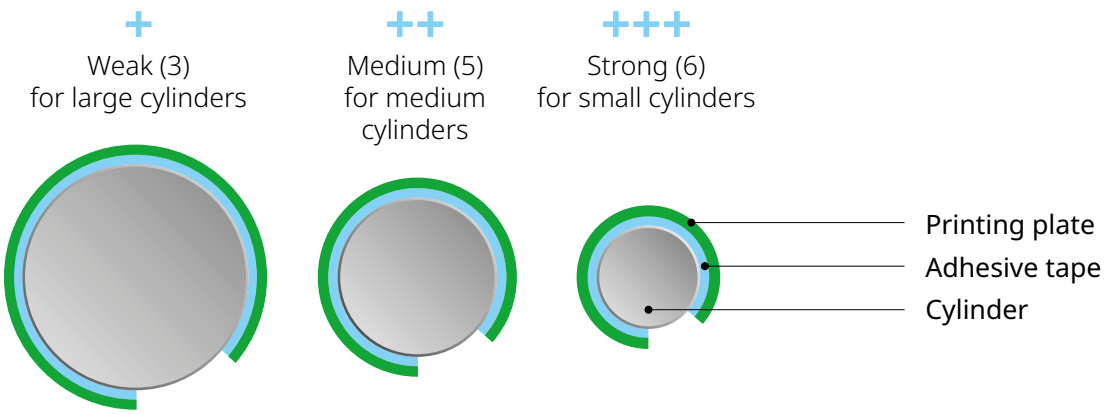


Selecting the right foam hardness

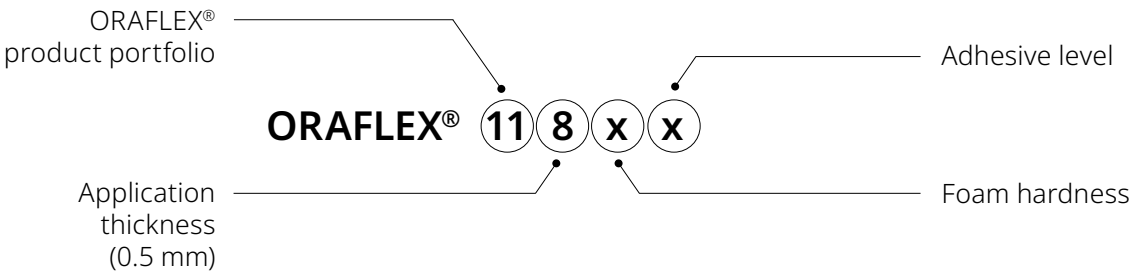
The foam hardness should match the intended printed image and the ratio between grid and full surface.

Foam hardness	Soft (2)	Medium (5)	Firm (8)
Typical relationship between screen and solids			
Desired printed image	Screens, half tones (minimised dot gain)	Combination of full surface and grid	Closed full surface, optimal colour transfer
Colour of the logo on the PET film	ORAFOL®	ORAFOL®	ORAFOL®

Selecting the right adhesion

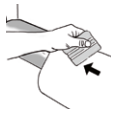


How to find the right product code

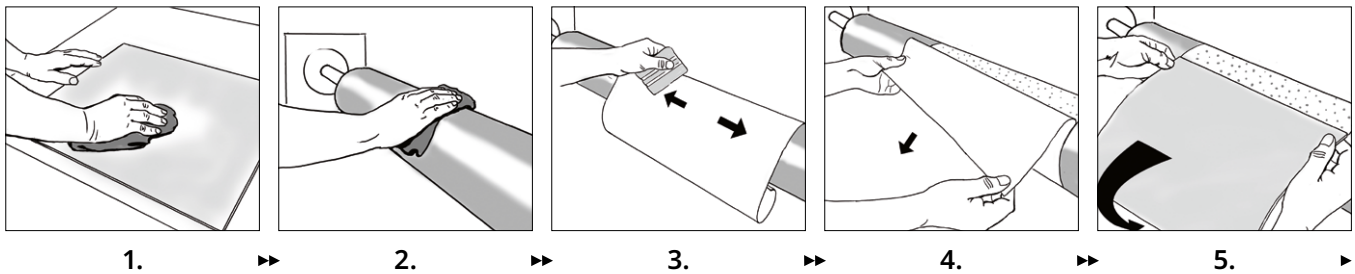


		Foam hardness		
		Soft (2)	**Medium (5)**	**Firm (8)**
Adhesive level to printing plate	**Weak (3)**	11823	11853	11883
	Medium (5)	11825	11855	11885
	Strong (6)	11826	11856	11886

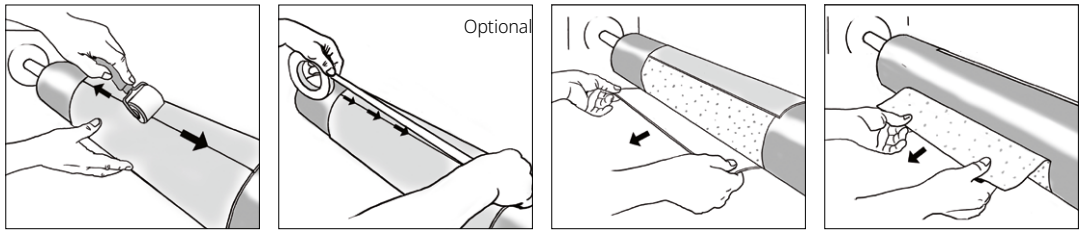
Other products for flexographic printing

	Product	Colour	Thickness	Application
Edge sealing	**ORAFLEX® 11406**	Available in different colours.	0.055 mm	For sealing edges on pressure cylinders/sleeves with a small diameter.
	**ORAFOL® professional plastic squeegee**	Grey		For the professional application of adhesive tape.

Application guide



1. ▸▸ 2. ▸▸ 3. ▸▸ 4. ▸▸ 5. ▸

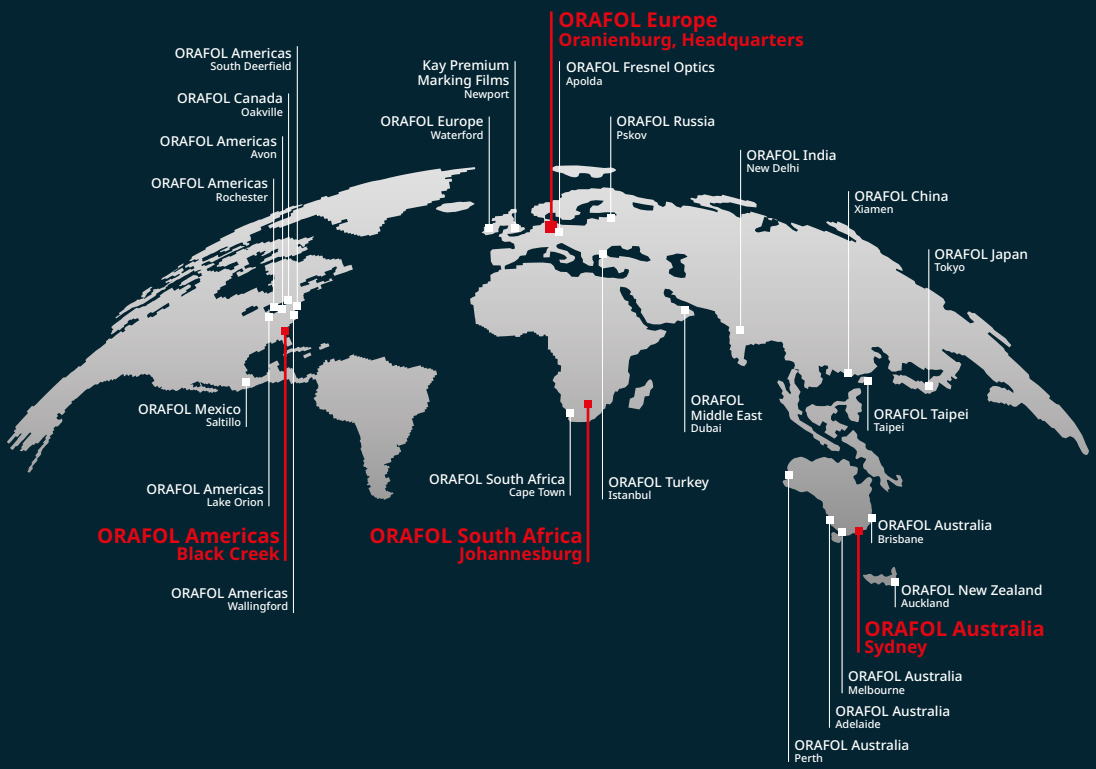


▸ 6. ▸▸ 7. ▸▸ 8. ▸▸ 9.

ORAFOL Europe GmbH

ORAFOL is one of the world's leading manufacturers of adhesive tape systems, innovative self-adhesive graphic films and reflective materials.
The international ORAFOL GROUP is headquartered just outside the city gates of Berlin, in Oranienburg.

ORAFOL's Worldwide Locations



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For more information on our products, please visit:
www.orafol.de · www.orafoleurope.com

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GERMANY BEST MANAGED COMPANIES

MANAGEMENT SYSTEM CERTIFICATION DNV ISO 9001 • ISO 14001 ISO 45001 • ISO 50001