

Adhesive Tape Systems

Solutions for the
Flexographic Print Industry

ORAFLEX®

Cushion Mounting Tapes for Flexible
Packaging Printing



Engineered to Perform Better™



ORAFOL Europe GmbH

Headquarters and production facility

ORAFOL Europe GmbH offers a truly comprehensive range of technical adhesive tapes including flexographic tapes, transfer tapes, double sided tapes, foam tapes and splicing tapes. ORAFOL's adhesive tape systems are available in a wide selection of constructions with different types of high-performance adhesives. They guarantee excellent functionality and adhesion on a large variety of surfaces and thus meet the most diverse customer requirements.

Global reach - local service.

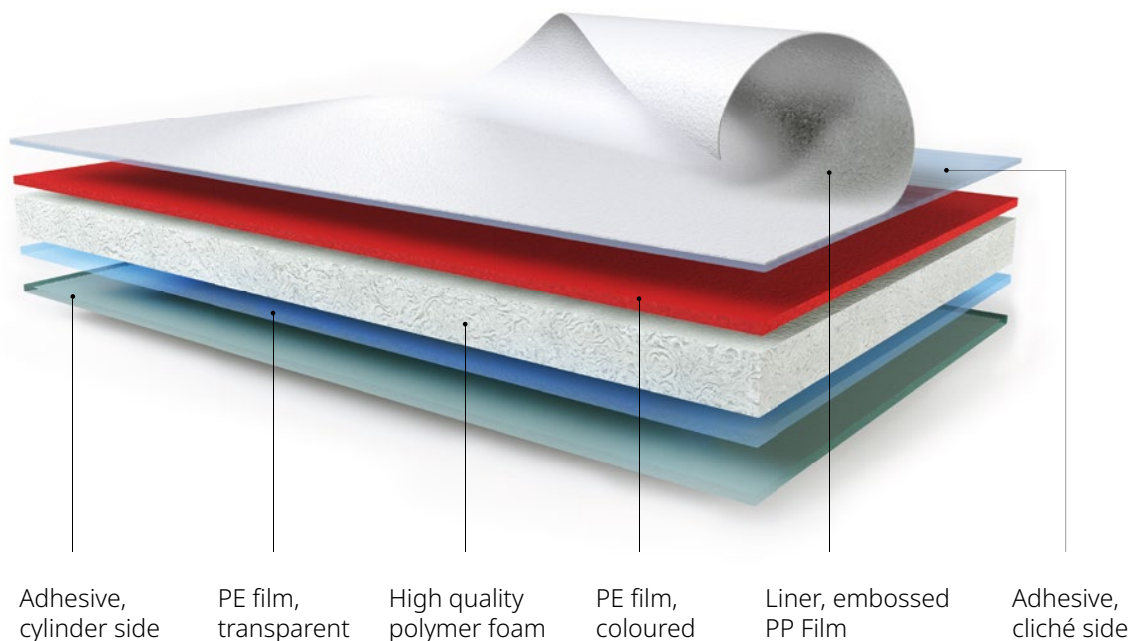
ORAFOL's Worldwide Locations



ORAFLEX® Cushion Mount Tapes

The **ORAFLEX®** Cushion Tapes are produced using odour-free pure solvent acrylate adhesives featuring the latest **ORAFLEX®** product designs with several adhesive types offering different levels of bonding and repositionability. These adhesives are also designed to be resistant to the typical solvents contained in inks used in flexographic printing.

ORAFLEX® Cushion Tapes' Compressible Foam and Film Reinforcement Construction

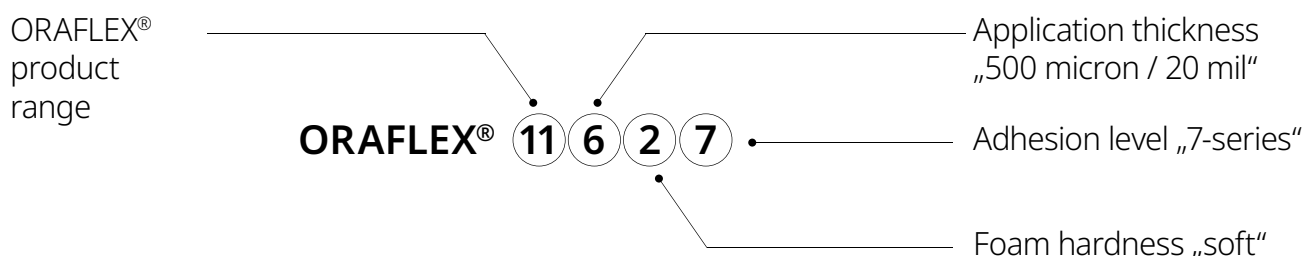


The **ORAFLEX®** Cushion Tapes' compressible foam and film reinforcement construction technology guarantees an optimized thickness accuracy, with minimal thickness tolerances (+/- 0.02 mm).



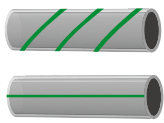

The flexible PE-film reinforcement reduces dot gain by perfect cushioning the applied impression.

It is interesting to note that the medium **ORAFLEX®** Cushion Tapes (1165X) offer a very wide range of linear dot gain making the hardness choice very easy – one medium tape can be used for most combinations and printing requirements.

ORAFLEX® Cushion product code identification

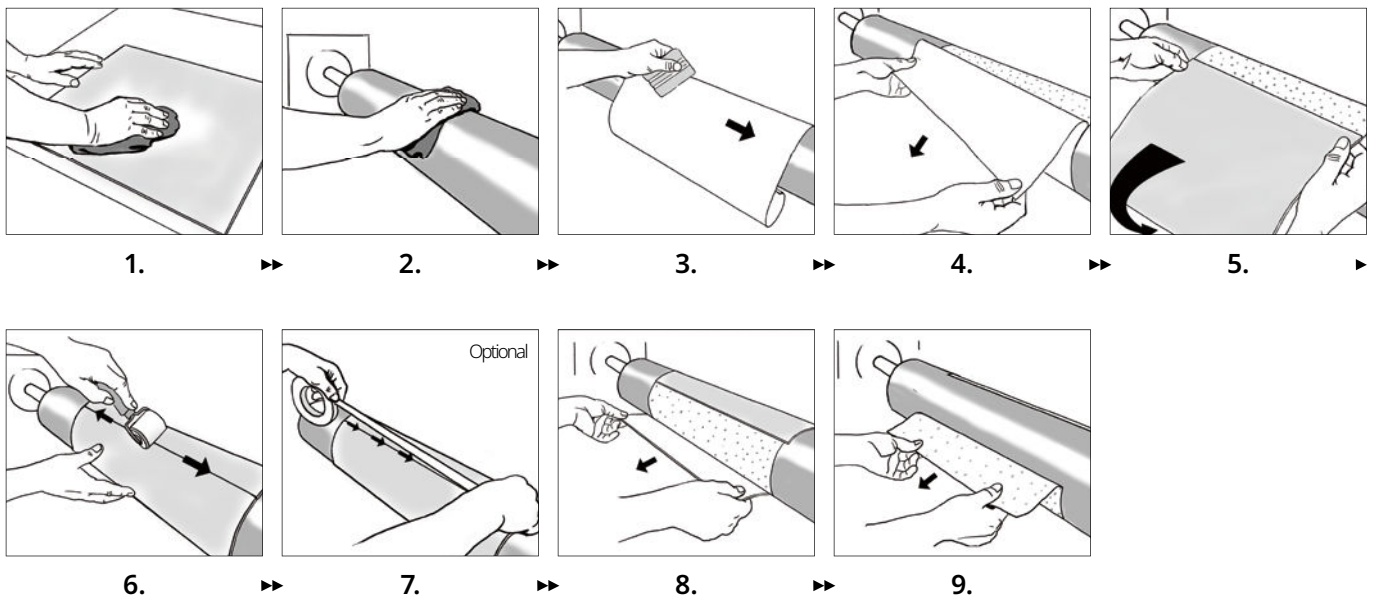


Ancillary products for Flexographic Printing

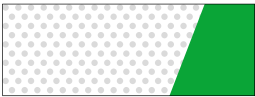


	Product	Colour	Thickness (µm)	Application
SPLICING 	ORABOND® 1301 FDA	Red	90	Especially suitable in processes when visual splice is crucial. FDA certificate.
	ORABOND® 1346	Translucent	110	Splicing of paper, cardboard and film.
	ORABOND® 1459 FDA	Translucent	140	Splicing of PE coated paper. FDA certificate.
EDGE SEALING 	ORAFLEX® 11405	White	60	Edge sealing tape can additionally be used to seal the plate edges on printing cylinders/ sleeves with small diameter.
CORE STARTING 	ORABOND® 1396TM FDA	Translucent	130	Core starting and splicing at high temperatures. FDA certificate.
	ORAFOL® professional plastic squeegee	Grey		Use for professional application of tapes.

Application guide

Find the full application instructions on the ORAFOL website www.orafol.com



Product overview

	ORAFLEX® 1162X	ORAFLEX® 1165X	ORAFLEX® 1168X
Thickness category	0.5 mm 20 mil	0.5 mm 20 mil	0.5 mm 20 mil
Hardness, colour	Soft	Medium	Firm
Typical relationship between screen and solids			
Desired print image	Screen, half tones and minimum dot gain	Combination of solids and screens	Solid (no pinholing) optimal ink transfer
6-series Higher printing plate side adhesion standart to the cylinder side	11626	11656	11686
5-series Higher printing plate side adhesion standart to the plate side	11625	11655	11685
7-series good for reusability Enhanced printing plate side adhesion for thin plates	11627	11657	11687

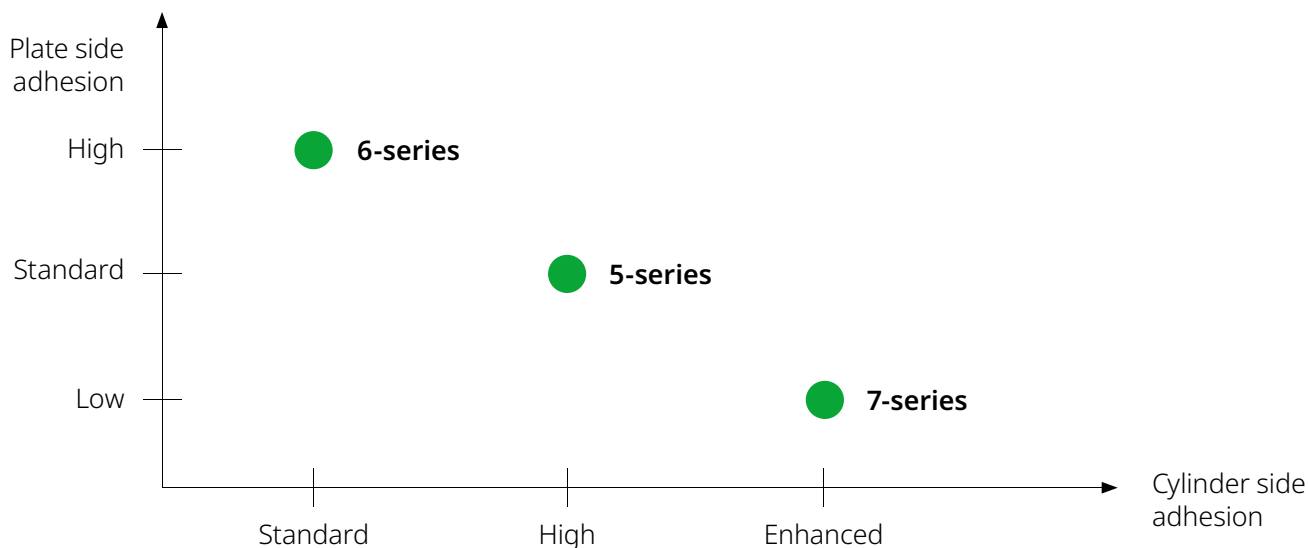


Tested by **DATA TECHNOLOGIEZENTRUM**
Die FlexoKompetenz.

ORAFLEX® Cushion

With the **ORAFLEX®** Cushion Tapes, consistent superb quality is ensured for your entire print run. The 0.5 mm tapes are available in four hardnesses, and designed to give good tolerance on pressure settings so that the optimal impression can be set very quickly. Now also available with different adhesion levels such as bouncing stripes caused by press vibration at high speeds are avoided.

Choose the right adhesion level





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Find out more about our products at:
www.orafol.com · www.orafoleurope.com

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