



ORAFOL Europe GmbH

Headquarters and production facility

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.



Engineered to Perform Better™

Solutions for the
Flexographic Print Industry

ORAFLEX®

Plate Mounting Tapes for
Label Printing

Adhesive Tape Systems

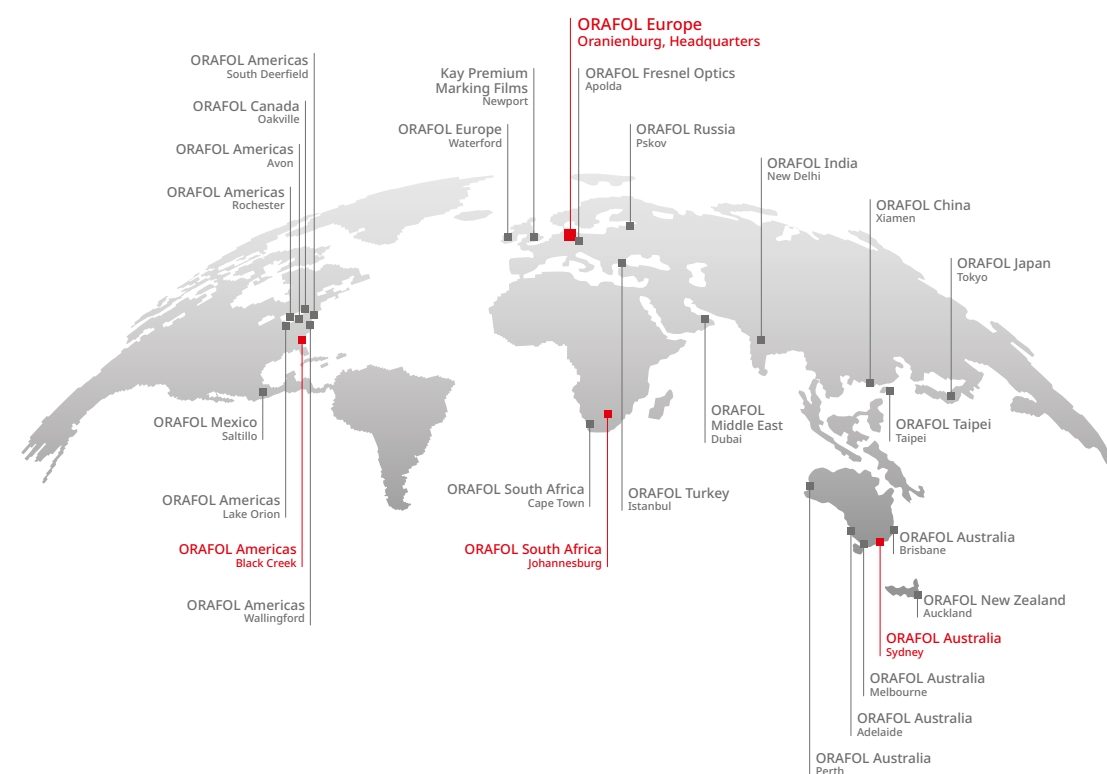
Solutions for the
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ORAFOL's Worldwide Locations



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

Front page photo courtesy of INOMETA GmbH

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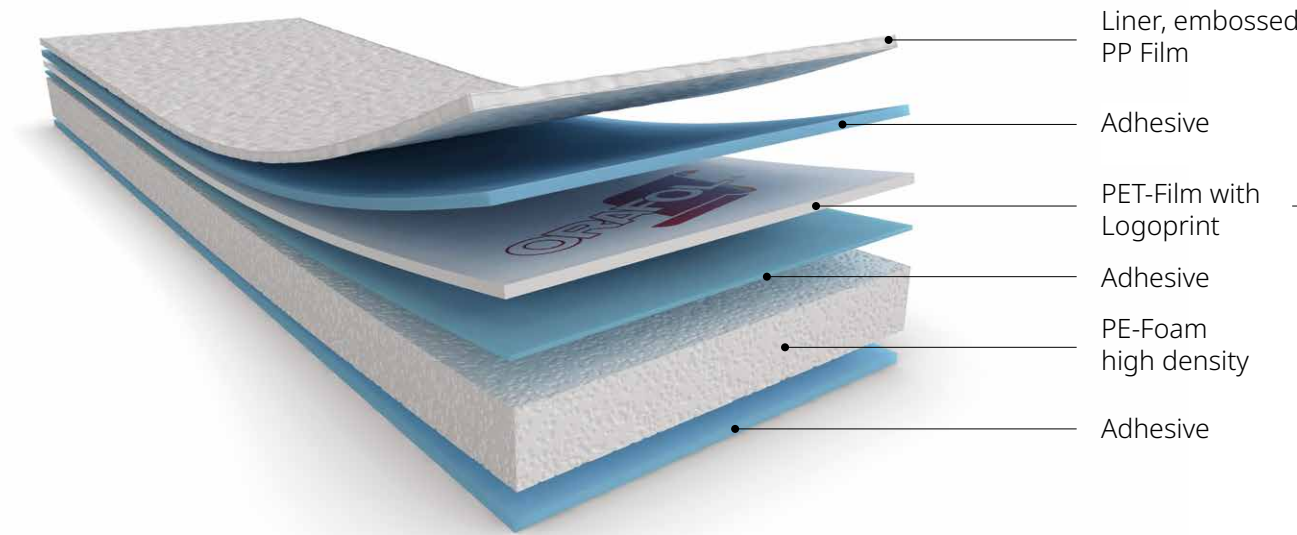
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ORAFLEX® Cushion Mounting Tapes

The **ORAFLEX®** Cushion Mounting Tapes are manufactured with modern acrylic pressure sensitive adhesives and are based on the latest product designs. The specially developed adhesive compounds offer different levels of tack and repositionability. **ORAFLEX®** Cushion Mounting Tapes are resistant to the solvents used in the flexographic printing industry.

ORAFLEX® Cushion Tapes Construction



Quality for a reliable printing process

The **ORAFLEX®** Cushion Mounting Tapes guarantee the highest quality for the entire printing process.

The design of the **ORAFLEX®** Cushion Mounting Tapes ensures optimal handling and increased reusability due to the special construction.

The high quality of the foam ensures perfect damping / absorption of vibrations during the printing process. The 0.38 mm thick adhesive tapes have a high tolerance to pressure changes and allow a fast and optimal adjustment of the pressure supply.

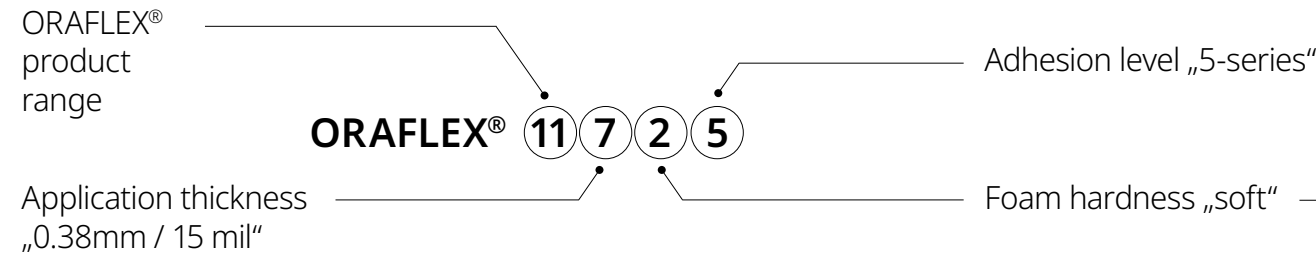
The medium-hard **ORAFLEX®** Cushion Mounting Tapes (1175X) offer a wide range of linear dot gain. This simplifies the selection for tape hardness - a medium-hard plate mounting tape is suitable for most combinations and printing requirements.

ORAFLEX® Cushion Mounting Tapes ensure outstanding printing results.



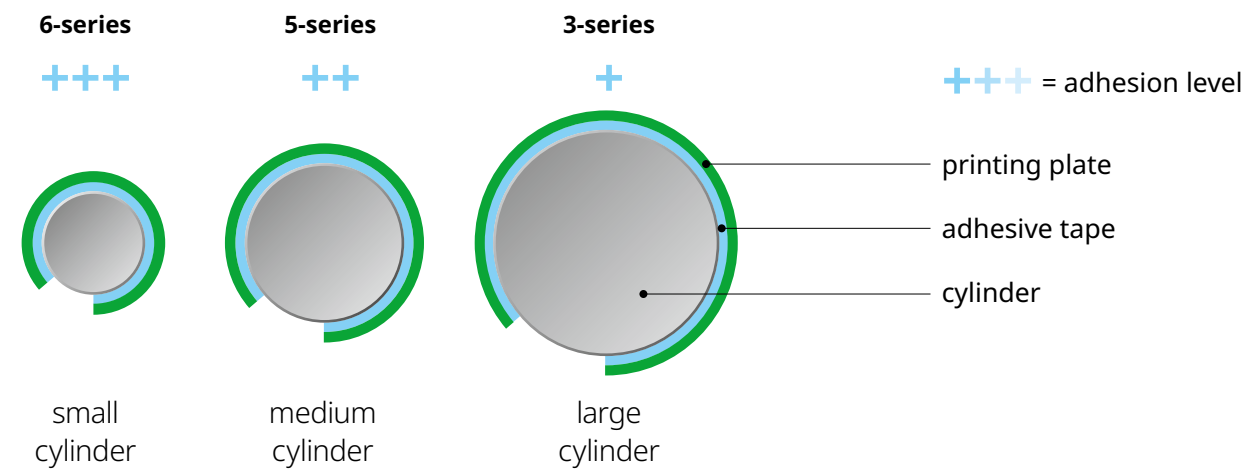
Product overview

ORAFLEX® Cushion product code identification



	ORAFLEX® 1172X	ORAFLEX® 1175X	ORAFLEX® 1178X
Thickness category	0.38 mm 15 mil	0.38 mm 15 mil	0.38 mm 15 mil
Hardness	Soft	Medium	Firm
Color of the logo on the PET film			
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 High adhesive force to the printing plate and high adhesive force to the cylinder	11726	11756	11786
5-series Medium adhesive force to the printing plate and high adhesive force to the cylinder	11725	11755	11785
3-series Low adhesive force to the printing plate and high adhesive force to the cylinder	11723	11753	11783

Choose the right adhesion level



ORAFLEX® Solid

The **ORAFLEX®** Solid tapes are a range of double-sided hard tapes for photopolymer or rubber plate mounting on print cylinders for flexography, letterpress and label printing. **ORAFLEX®** Solid products are designed with balanced adhesion levels to give good plate security while allowing distortion-free repositioning and demounting. The adhesives are designed to remove clearly and without residues from sleeves and metal cylinders after use.

Product characteristics

	ORAFLEX® 11395	ORAFLEX® 11396	ORAFLEX® 11397
Thickness without Liner	100 micron 4 mil	200 micron 8 mil	300 micron 12 mil
Liner colour			
Adhesive	Natural rubber	Natural rubber	Natural rubber
Liner	PP filmic Brown Creped	PP filmic White Creped	PP filmic Green Creped
Carrier	PET film transparent	PP film transparent	PP film transparent
Roll sizes	310 mm x 25 m, 620 mm x 25 m, 900 mm x 25 m, 1200 mm x 25 m, 1250 mm x 25 m		



Application guide

