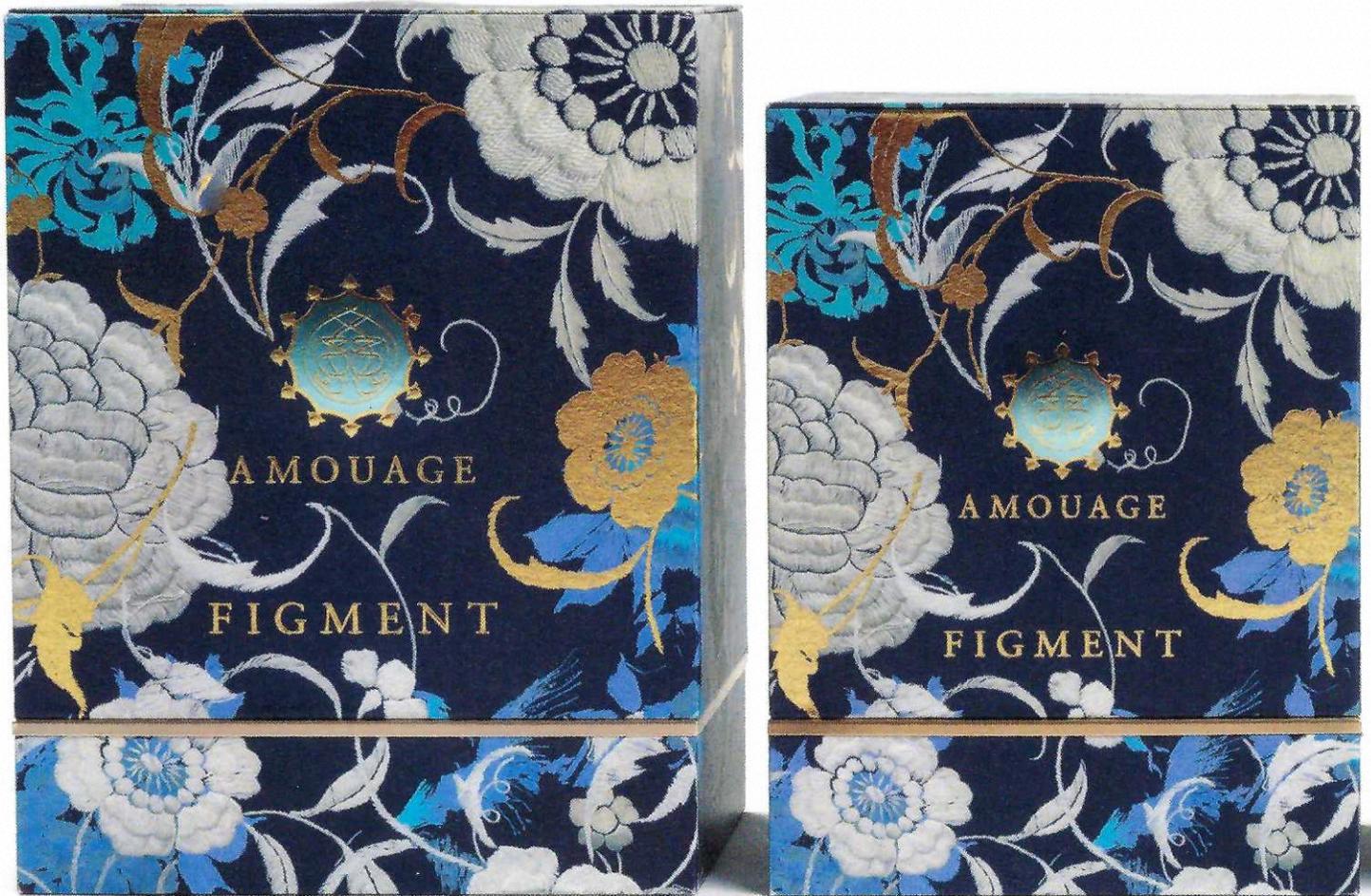


# FEDRIGONI

SELF-ADHESIVES

Premium labelling  
and packaging  
at its best



## Ri-Flexo Series

The ultimate double-sided mounting foam tape  
suited for flexo label and packaging markets



## With Fedrigoni, excellence is the key to success

Founded in 1888, Fedrigoni stands for excellence in the production of specialty papers & self-adhesive materials.

Today, the company serves various sectors from food and beverage, to wine, luxury goods, and cosmetics. It distinguishes itself by offering

increasingly high performance solutions that combine practicality with beauty.

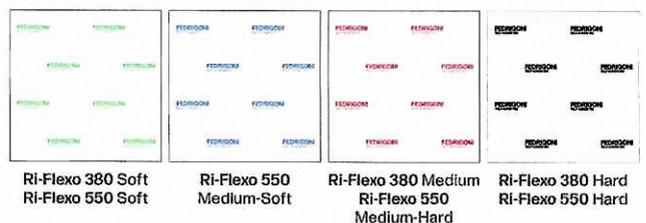
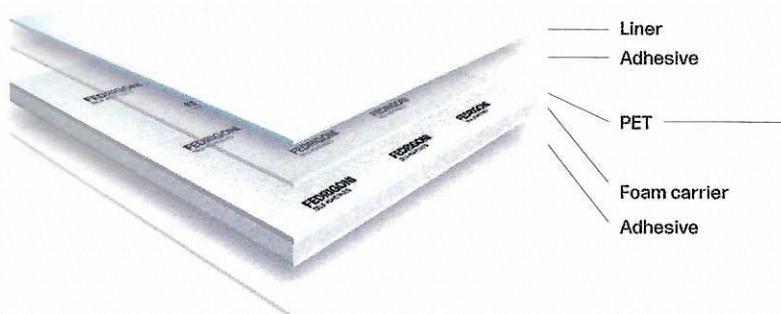
Increasing print quality demands, combined with higher requirements for production efficiency encouraged the company's strong dedicated technical research and development teams to develop the Ri-Flexo Series.

Providing optimal results, Ri-Flexo is a double-sided adhesive foam tape suited to both the flexo label and packaging markets covering narrow web printing (labels) and flexible packaging printing (large format).

**With Ri-Flexo,  
your mounting  
and demounting  
process has never  
been easier!**

Flexo printers are consistently facing increasing customer demands and complex print jobs, making process optimization vital to remain competitive. Our solutions offer superior handling during mounting and demounting as well as perfect print images. These attributes maximize efficiency and guarantee a smoother process.

Ri-Flexo delivers the perfect full package solution and a complete range of foam densities to provide outstanding print quality. Reinforced with a PET layer on the plate side only, the Fedrigoni logo is printed in different colours to help you identify the correct foam density you need - green for soft, blue for medium soft, red for medium hard and black for hard. The consistent thickness control allows the printer to use multiple foam densities on a print job for optimal results.



## Ri-Flexo Series delivers:

- high quality flexo printing
- outstanding definition
- minimized dot gain
- fine lines, halftones and solid font printing

## A solution for every individual need!

Process efficiency and print quality are very often impacted by plate mounting tapes. Ri-Flexo responds to the broadest range of industry demands with its clever combination of print performance and foam qualities. Utilize the correct foam hardness from our selection of tapes and guarantee exceptional print quality by increasing your printing speed and overcoming print defects like banding, increased dot gain, and pin holing.

### Ri-Flexo 380 Series offers optimal solutions for narrow web printing (labels)

What print image quality are you looking for?	Foam density		Product
Highlights, delicate process printing and very fine lines (minimized dot gain)	Soft		Ri-Flexo 380 Soft Green
Combination of solids, line work and screens	Medium		Ri-Flexo 380 Medium Red
Solids, lines and large fonts (dense ink coverage)	Hard		Ri-Flexo 380 Hard Black

### Ri-Flexo 550 Series offers optimal solutions for large format flexo printing (flexible packaging)

What print image quality are you looking for?	Foam density		Product
Fine process work, highlights and very fine lines (minimized dot gain)	Soft		Ri-Flexo 550 Soft Green
Process work, brilliant half tones and fine lines	Medium soft		Ri-Flexo 550 Medium-Soft Blue
Halftones and lines, a combination of solids, line work and screen	Medium hard		Ri-Flexo 550 Medium-Hard Red
Solids, lines, large fonts (dense ink coverage)	Hard		Ri-Flexo 550 Hard Black

# Ri-Flexo - Technical Specifications

## Ri-Flexo 380

<b>Construction</b>	<b>Liner</b>	110 µm clear structured PP film, siliconized on both faces
	<b>Adhesive 1</b>	Permanent solvent-based acrylic adhesive, for mounting of photopolymer cliché
	<b>Foam Category</b>	345 µm PE foam
	<b>PET</b>	23 µm PET printed with Fedrigoni logo in colour
	<b>Adhesive 2</b>	Permanent solvent-based acrylic adhesive, for mounting on cylinder or sleeve
	<b>Products</b>	
	Soft foam	Ri-Flexo 380 Soft, Green logo
	Medium foam	Ri-Flexo 380 Medium, Red logo
	Hard foam	Ri-Flexo 380 Hard, Black logo

<b>Physico-chemical properties / Typical values</b>	Foam + PET thickness		370 µm	ISO 534-80	
	Total thickness, without liner		440 µm	ISO 534-80	
	Foam density	Soft Green Medium Red Hard Black	Soft Medium Hard		
	Compression Stress 25%	Soft Green Medium Red Hard Black	115 kPa 208 kPa 359 kPa	ISO 3386-1	
	Adhesion on steel (cylinder side)				
	After 20 minutes on Stainless Steel		7.5 N/25 mm	FTM 2	
	After 3 hours on Stainless Steel		11.5 N/25 mm		
	Adhesive cohesion (cylinder side)		> 100 hours	FTM 8	
	Adhesion on plate (cliché side)				
	After 20 minutes on PET cliché		3 N/25 mm	FTM 2	
	After 3 hours on PET cliché		5 N/25 mm		
	Adhesive cohesion (cliché side)		> 100 hours	FTM 8	
	Service temperature		From +15 °C to +50 °C		
	Two side siliconized PP		110 µm	ISO 534-80	
	Water resistance		No effect	24 hours Immersion	
Detergent (1% solution)		No effect	24 hours Immersion		
Isopropyl alcohol / Water (20/80)		No effect	10 minutes immersion		

## Ri-Flexo 550

<b>Construction</b>	<b>Liner</b>	110 µm clear structured PP film, siliconized on both faces
	<b>Adhesive 1</b>	Permanent solvent-based acrylic adhesive, for mounting of photopolymer cliché
	<b>Foam Category</b>	550 µm PE foam
	<b>PET</b>	23 µm PET printed with Fedrigoni logo in colour
	<b>Adhesive 2</b>	Permanent solvent-based acrylic adhesive, for mounting on cylinder or sleeve
	<b>Products</b>	
	Soft foam	Ri-Flexo 550 Soft, Green logo
	Medium Soft foam	Ri-Flexo 550 Medium-Soft, Blue logo
	Medium hard foam	Ri-Flexo 550 Medium-Hard, Red logo
	Hard foam	Ri-Flexo 550 Hard, Black logo

<b>Physico-chemical properties / Typical values</b>	Foam + PET thickness		515 µm	ISO 534-80	
	Total thickness, without liner		490 µm	ISO 534-80	
	Foam density	Soft Green Medium-Soft Blue Medium-Hard Red Hard Black	Soft Medium soft Medium hard Hard		
	Compression Stress 25%	Soft Green Medium-Soft Blue Medium-Hard Red Hard Black	100 kPa 151 kPa 237 kPa 285 kPa	ISO 3386-1	
	Adhesion on steel (cylinder side)				
	After 20 minutes on Stainless Steel		7.5 N/25 mm	FTM 2	
	After 3 hours on Stainless Steel		11.5 N/25 mm		
	Adhesive cohesion (cylinder side)		> 100 hours	FTM 8	
	Adhesion on plate (cliché side)				
	After 20 minutes on PET cliché		3 N/25 mm	FTM 2	
	After 3 hours on PET cliché		5 N/25 mm		
	Adhesive cohesion (cliché side)		> 100 hours	FTM 8	
	Service temperature		From +15 °C to +50 °C		
	Two side siliconized PP		110 µm	ISO 534-80	
	Water resistance		No effect	24 hours Immersion	
Detergent (1% solution)		No effect	24 hours immersion		
Isopropyl alcohol / Water (20/80)		No effect	10 minutes immersion		

## Quality Certification

