

# FACESTOCK

Unique for labels



# SUSTAINABLE LABELS WITH FACESTOCK PRINT-ON-DEMAND SOLUTIONS

Sihl combines economic success with environmental protection and social responsibility. Economy and ecology go hand in hand. ESG (Environmental Social Governance) is the guiding principle and it sums up what we do.

The whole world is making efforts to increase the percentage of recycled plastic packaging. The EU, for example, is aiming for a 55 % share by 2030 (European Parliament and Council directive 94/62/EC on packaging and packaging waste).

Sihl FACESTOCK is leading the way to more sustainable labels for print on demand applications.

## > Recycle: Mono-packaging / automatic sorting

The FACESTOCK range includes BOPP and PET films in various sizes and colours. Together with the right adhesive, they support recycling efforts, whether by enabling mono-packaging or automatic sorting during recycling.

## > Reduce: CO<sub>2</sub> emissions with DUAL print technology

To reduce CO<sub>2</sub> emissions, 11 products with DUAL printing technology are available. This reduces inventory along the entire logistics chain, as only one product is needed for at least two printing technologies: ILG/ILM for inkjet/laser, M/LG for TTR/Laser

## > Save: Raw material by reducing weight

Sihl saves resources in the use of materials for aqueous inkjet printing. This saves valuable raw materials and increases productivity thanks to the higher number of labels per roll.

## > Recycled: Now 10 grades with PCR-content

Sihl now offers 10 FACESTOCK filmic products with a PCR content between 30% (white) and 90% (clear), unchanged mechanical properties and the same unchallenged Sihl printing performances in laser or AQ inkjet.

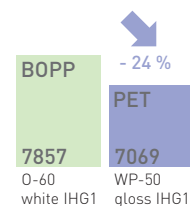
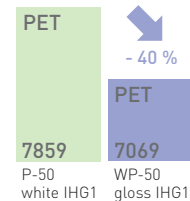
7054	CPr-50 gloss IHG1	clear	inkjet
7808	CPr-80 gloss IHG1	clear	inkjet
7809	WPr-80 gloss IHG1	white	inkjet
7854	SPr-80 gloss IHG1	silver	inkjet
7063	CPr-57 gloss LG1	clear	laser
7066	WPr-57 gloss LG1	white	laser
7097	SPr-57 gloss LG1	silver	laser
7621	WPr-61 satin SM1	white	laser
7159	WPr-60 matt M1	white	laser
6951	CPr-80 Ice	clear	laser



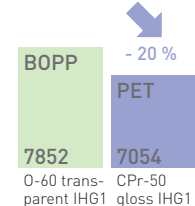
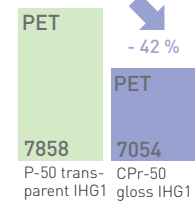
Sihl FACESTOCK coatings in combination with on-demand printing technology makes it easier and more affordable to produce exactly the amount of labels needed, plus meet customers' personalisation requirements.

- > No more ordering pre-printed labels that are sometimes out of date by the time they arrive and are thrown in the bin
- > Flexibility up to the last second of printing to respond to new situations or to print special editions
- > Industrial digitally printed labels have long delivery times and consume extra CO<sub>2</sub> for transport
- > Print labels in your own company or close to the customer to minimise transport distances and time

### WHITE - INKJET



### CLEAR - INKJET



**Saving raw material by reducing weight**

# INKJET – specialist for quality

## Aqueous inkjet synthetics

Sihl is market leader for aqueous inkjet (dye, pigment) printable FACESTOCK films for a wide range of applications. The base films encompass BOPP, PET, squeezable (PP/PE blend), woven and non-woven. Sihl coatings are available in matt, satin and gloss. They have been successfully tested on relevant OEM equipment (Epson, Swift, and various Memjet powered printers). Several grades are compatible for both aqueous inkjet and laser.

### Relevant features for aqueous inkjet

- > High resolution
- > High printing speeds
- > Smudge-proof prints
- > Defined contours and line definition
- > Excellent colour brilliance

Sihl offers 4 InkJet films with PCR-content between 30 and 90%. ZM1 matt, highly resistant coating with good graphical properties and superior chemical resistances.



**NEW!**



## Product range

Colour	Surface	Base film thickness µm	Type of film	Product name	PCR	Product code	Applications					
							A4 and cut size	Durables	Logistics & transport	Oil & industrial chemicals	Pharma / Home & Personal Care	Consumer Goods
Transparent	matt	36	PET	P-36 transparent ILM1		7871 <sup>(2)</sup>	✓					
		50 <sup>(1)</sup>	PET	CPr-50 gloss IHG1	•	7054	✓				✓	✓
	glossy	36	PET	P-36 transparent ILG1		7868 <sup>(2)</sup>	✓					
		80 <sup>(1)</sup>	PET	CPr-80 gloss IHG1	•	7808	✓		✓			✓
		60	BOPP	O-60 transparent IHG1		7852 <sup>(3)</sup>	✓		✓			✓
White	matt	60	BOPP	O-60 white IM1		7093	✓		✓			
		60	BOPP	O-60 white XM1		8000		✓		✓ <sup>(1)</sup>	✓	
		80 <sup>(1)</sup>	BOPP	WO-80 matt ZM1		8002	✓	✓	✓	✓	✓	✓
		110 <sup>(1)</sup>	BOPP	WO-110 matt ZM1		8003	✓	✓	✓	✓	✓	✓
	satin	60	BOPP	O-60 white IG1		7853 <sup>(3)</sup>	✓					✓
	glossy	80 <sup>(1)</sup>	PET	WPr-80 gloss IHG1	•	7809	✓					✓
		60	BOPP	O-60 white IHG1		7857 <sup>(3)</sup>	✓					✓
Silver	glossy	80 <sup>(1)</sup>	PET	SPr-80 gloss IHG1	•	7854	✓					✓

(1) BS 5609 approvable

(2) DUAL print technology with Laser

(3) Suitable for the Food Package Labelling

# LASER – competence in films

Many of the Sihl topcoats bespoke for laser are proving multi-printable – performing well with aqueous inkjet inks, and/or thermal transfer technology, for outdoor usage.

## Relevant features for laser

- > Good toner anchorage
- > Excellent colour brilliance
- > UL, CSA, BS 5609 standards are achievable for several of our FACESTOCK products

Sihl offers 6 laser films only with PCR-content between 30 and 90%. Best choice to run on roll-to-roll laser printer such as OKI PRO 1050, AstroNova QL-300, NeuraLabel Sirius

**NEW!**



## Product range



Colour	Surface	Base film thickness µm	Type of film	Product name	PCR	Product code	Applications				
							A4 and cut size	Durables	Oil & industrial chemicals	Home & Personal Care	Beverage
Transparent	matt	36	PET	P-36 transparent ILM1		7871 <sup>(4)</sup>	✓				
		55 <sup>(1)</sup>	PET	CPr-55 matt M1	•	7157		✓			
		80 <sup>(1)</sup>	PET	CPr-80 Ice	•	6951	✓				
	glossy	36	PET	P-36 transparent ILG1		7868 <sup>(4)</sup>	✓				
57 <sup>(1)</sup>		PET	CPr-57 gloss LG1	•	7063	✓	✓	✓	✓	✓	
white	matt	60 <sup>(1)</sup>	PET	WPr-60 matt M1	•	7159	✓	✓ <sup>(1)</sup>	✓ <sup>(2)</sup>	✓	✓
		50	PET	P-50 white M1-LS <sup>(3)</sup>		7064	✓	✓ <sup>(1)</sup>	✓ <sup>(2)</sup>	✓	✓
	satin	60 <sup>(1)</sup>	PET	WPr-61 satin SM1	•	7621	✓	✓	✓ <sup>(2)</sup>	✓	✓
	glossy	57 <sup>(1)</sup>	PET	WPr-57 gloss LG1	•	7066	✓	✓	✓	✓	✓
silver	matt	50	PET	P-50 silver matt M1-LS		7144		✓ <sup>(1)</sup>			
	glossy	57 <sup>(1)</sup>	PET	SPR-57 gloss LG1	•	7097	✓	✓	✓	✓	✓

\*ENDURO = film with a paper skin on both sides

(1) UL approvable

(2) BS 5609 approvable

(3) Approved for HP Indigo Commercial Print Presses

(4) DUAL print technology with Inkjet

# THERMAL TRANSFER – durable and reliable

Topcoats for thermal transfer printing have been developed to achieve excellent line definition, as well as smudge-proof and chemically resistant prints. Sihl customers have successfully had several of the products approved by UL/CSA self-adhesive standards.

## Relevant features for thermal transfer

- > Good bond of resin or wax/resin inks
- > High chemical resistance
- > Excellent outdoor performance
- > UL, CSA standards are achievable for some of our FACESTOCK products



Sihl offers 4 PET films for Durables with PCR content. More grades to follow!



## Product range



Colour	Surface	Base film thickness µm	Type of film	Product name	PCR	Product code	Applications			
							Printable also with			
							Laser	Durables	Pharmaceuticals	Security & brand protection
Transparent	matt	23	PET	P-23 transparent M1				✓	✓	✓
		75	PET	P-75 transparent M1			✓	✓	✓	✓
	glossy	57 <sup>(*)</sup>	PET	CPr-57 gloss LG1	•	7063	✓	✓	✓	✓
white	matt	60 <sup>(1)</sup>	PET	WPr-60 matt M1	•	7159 <sup>(1)</sup>	✓	✓	✓	✓
		75	PET	P-75 white M1			✓	✓	✓	✓
	glossy	57 <sup>(*)</sup>	PET	WPr-57 gloss LG1	•	7066	✓	✓	✓	✓
		75	PET	P-75 white LG1			✓	✓	✓	✓
Silver	matt	50	PET	P-50 silver matt M1-LS		7144 <sup>(1)</sup>	✓	✓	✓	✓
	glossy	57 <sup>(*)</sup>	PET	SPr-57 gloss LG1	•	7097	✓	✓	✓	✓

(1) UL approvable



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