



FACESTOCK

Unique for labels



Sustainable business

Sustainability is a key element of Sihl's corporate strategy and an important factor in our success.

CO₂ foot print

- > A key environmental goal of Sihl is the continuous increase in energy efficiency
- > Sihl photovoltaic systems generate approximately 770,000 kWh of emission-free electricity with savings of 540 t CO₂ per year
- > Additional energy is generated by combined heat and power (CHP)
- > **Selected FACESTOCK products can contribute to a reduction in weight between 20 and 42%!**
- > **Products available on base films with up to 90% PCR content (Post Consumer Recycling)**



"Corporate Social Responsibility" (CSR) is the social responsibility of companies relating to sustainable economic activity. It incorporates various criteria such as the environment, working conditions, human rights, fair business practices and sustainable procurement.

EcoVadis CSR silver

- > The Silver medal confirms that Sihl is aware of social responsibility, with sustainability a central pillar of corporate strategy and an important success factor



Decades of effort, steady work & achievement have enabled us to implement, improve and control our systems:

- > Quality management ISO 9001:2015
- > Environment management ISO 14001:2015
- > Energy management ISO 50001:2011
- > Health & Hazards management OHSAS 18001:2007



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 some of our FACESTOCK products

- ★ New gloss grades for Home & Personal Care and Beverage Labels
- ★ Designed to run well on new roll-to-roll laser printers such as OKI PRO1040/1050, AstroNova QL-300, Konica Minolta L230
- ★ Suitable also for Oil & Chemicals and Durables Labels



Product range



Colour	Surface	Base film thickness µm	Type of film	Product name	Product code	Also Thermal transfer	Also Inkjet AQ	A4 and cut size	Durables	Oil & industrial chemicals	Home & Personal Care	Beverages
Transparent	matt	36	PET	P-36 transparent ILM1	7871		✓	✓				
		50	PET	P-50 transparent SP1	7057	✓			✓			
	80	ENDURO*	Ice 80	6938			✓					
	glossy	36	PET	P-36 transparent ILG1	7868		✓	✓				
		50	PET	P-50 clear LG1 ★	7063			✓	✓	✓	✓	✓
White	matt	50	PET	P-50 white SP1	7049	✓		✓	✓ ⁽¹⁾	✓ ⁽²⁾	✓	✓
		50	PET	P-50 white M1-LS	7064	✓		✓	✓ ⁽¹⁾	✓ ⁽²⁾	✓	✓
		75	PET	P-75 white L1	7091	✓		✓	✓ ⁽¹⁾	✓ ⁽²⁾	✓	✓
	satin	50	PET	P-50 white SM1	7620			✓	✓	✓	✓	✓
	glossy	50	PET	P-50 white LG1 ★	7066			✓	✓	✓	✓	✓
Silver	matt	50	PET	P-50 silver matt L1	7144	✓			✓ ⁽¹⁾			
		75	PET	P-75 silver matt L1	7145	✓			✓ ⁽¹⁾			

*ENDURO = paper-film-paper laminate

(1) UL approvable

(2) BS 5609 approvable

INKJET – specialist for quality

Aqueous inkjet synthetics

Sihl offer a wide range of synthetic FACESTOCK products suitable for both dye and pigment inks. 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). Some 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

Food contact

- ★ GMP (Good Manufacturing Practice) implemented since January 2019
- ★ The selected grades conform to EU-legislation for food labelling & contact



Reduce CO₂

- > Select FACESTOCK products can contribute to a reduction in weight between 20 and 42 %

Recycling

- > Select FACESTOCK products can be made available on base films with up to 90% PCR content [Post Consumer Recycling]

Product range



Colour	Surface	Base film thickness µm	Type of film	Product name	Product code	A4 and cut size	Durables	Logistics & transport	Oil & industrial chemicals	Pharma / Home & Personal Care
Transparent	matt	36	PET	P-36 transparent ILM1	7871 ⁽¹⁾	✓				
		23	PET	P-23 transparent IHG1	7056	✓				✓
	glossy	36	PET	P-36 transparent ILG1	7868 ⁽¹⁾	✓				
		50	PET	P-50 transparent IG1	7858	✓		✓		
		60	BOPP	O-60 transparent IG1 ★	7852	✓		✓		
White	matt	50	PET	P-50 white IM1	7900	✓	✓	✓	✓ ⁽²⁾	✓
		60	BOPP	O-60 white IM1	7093	✓		✓		
		60	BOPP	O-60 white XM1	8000		✓		✓ ⁽²⁾	✓
	satin	60	BOPP	O-60 white IG1 ★	7853	✓				
	glossy	50	PET	P-50 white IHG1	7859	✓				
		60	BOPP	O-60 white IHG1 ★	7857	✓				
Silver	glossy	50	PET	P-50 silver gloss IHG1	7854	✓				

(1) Also laser printable

(2) BS 5609 approvable

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

Product range



Colour	Surface	Base film thickness µm	Type of film	Product name	Product code	Also Laser	Durables	Pharmaceuticals	Security & brand protection
Transparent	matt	50	PET	P-50 transparent SP1	7057	✓	✓	✓	✓
	glossy	50	PET	P-50 clear LG1	7063		✓	✓	✓
White	matt	50	PET	P-50 white SP1	7049 ⁽¹⁾	✓	✓	✓	✓
		75	PET	P-75 white L1	7091 ⁽¹⁾	✓	✓	✓	✓
	glossy	50	PET	P-50 white LG1	7066	✓	✓	✓	✓
		50	PET	P-50 white P1	7092 ⁽¹⁾		✓	✓	✓
Silver	matt	50	PET	P-50 silver matt L1	7144 ⁽¹⁾	✓	✓	✓	✓
		75	PET	P-75 silver matt L1	7145 ⁽¹⁾	✓	✓	✓	✓

(1) UL approvable

Customized coatings and options

The Sihl group has the expert knowledge for developing coatings with different functions

- > Water-repellent
- > Soundproofing
- > Scratch resistant
- > Temperature insulation
- > Conductive currents
- > Highly absorbency on synthetic, paper and compound (ENDURO)

Options

- > Thermal stabilisation
- > Security features
- > Reverse side coatings to improve adhesives anchorage of specific
- > Black out reverse sides



Sihl AG

Bolligenstrasse 93
3006 Bern · Switzerland
T +41 31 340 89 00
F +41 31 340 89 93
E info@sihl.com

Sihl GmbH

Kreuzauer Str. 33
52355 Düren · Germany
T +49 2421 597 0
F +49 2421 597 452
E info@sihl.com

Sihl Inc.

538 Main Street
Fiskeville, RI 02823-0139 · USA
T +1 401 366 7393
F +1 401 826 3926
E customerservice@sihlinc.com

www.sihl.com
www.sihl-facestock.com