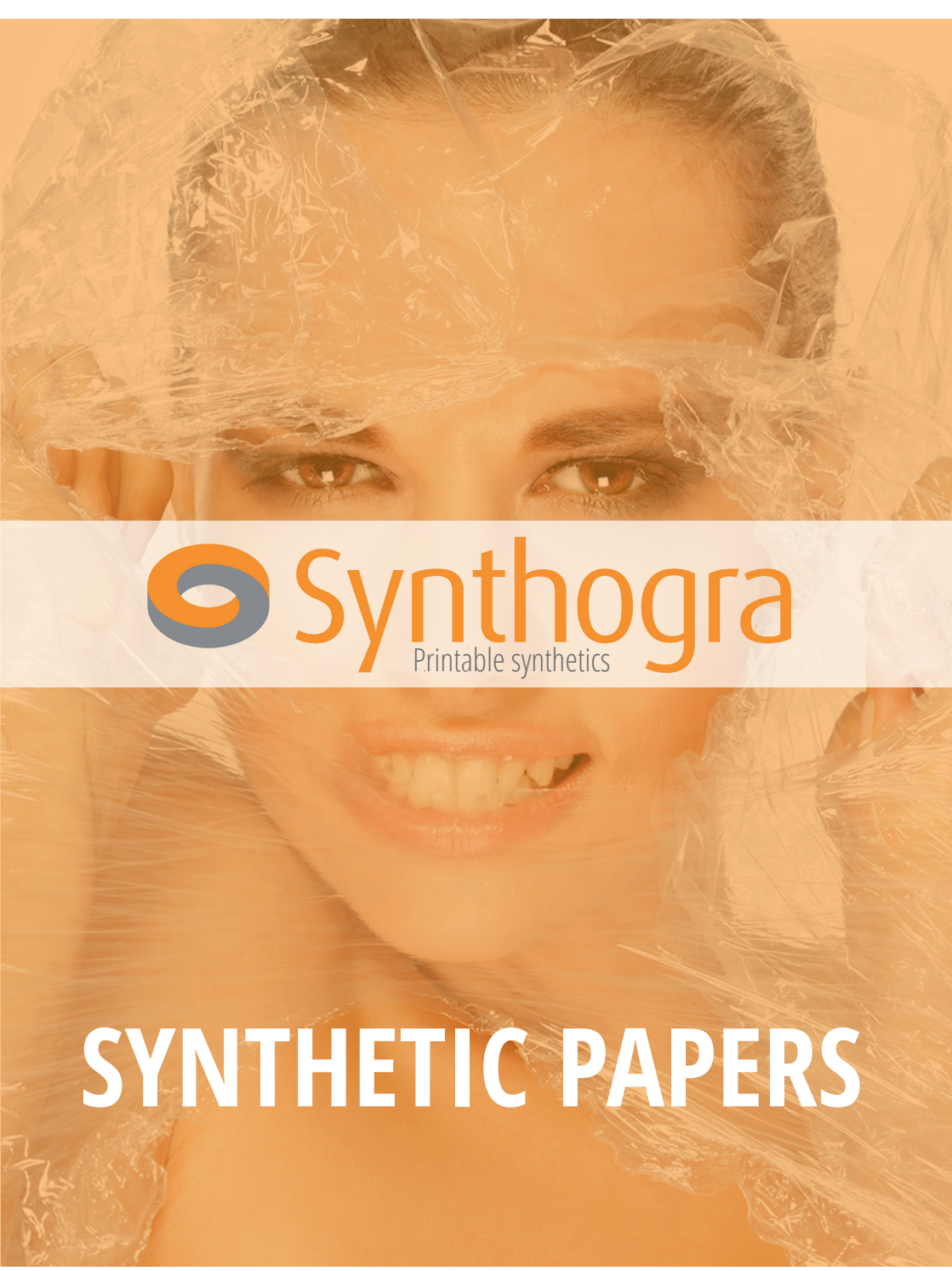

Synthogra

Printable synthetics

SYNTHETIC PAPERS

www.synthogra.com | info@synthogra.com

SYNTHETIC PAPERS

Our synthetic papers are developed and optimised for printability and are resistant to any moisture (water/grease/most chemicals). Synthetic Papers are often used as sign, tag, label or display material for applications in extreme enviroments. With our various grades of synthetic papers, we have the opportunity to offer the optimal solution for each different job.

Grades	Thickness µm	Thickness mils	Unique features
SYN-COAT	54 - 250	2.1 - 9.8	Medium stiffness Excellent printability Coated on one or two sides
SYN-DURABLE	75 - 350	3.0 - 13.8	High UV stability High tear strength Low stiffness /abbresiveness
SYN-STRONG	75 - 350	3.0 - 13.8	High UV stability High tear strength Medium stiffness
SYN-TAG	75 - 400	3.0 - 15.7	High opacity High tear strength Medium/high stiffness
SYN-HEAT	75 - 360	3.0 - 14.2	Extreme temperatures High tear strength High stiffness

Optional features

- Reels
- Sheets
- Digital versions

Typical applications

- Identity tags for meat
- Steel hangers
- Lumber tags
- Horticultural loop labels
- Stick in tags for plants
- Golf scorecards
- Luaggage tags
- Banners
- Guides
- Wristbands
- Facestock material for labels
- Safety handbooks
- Food menues
- Warning signs
- Lightbox displays

SYNTHETIC PAPERS

	SYN-COAT Single	SYN-COAT Double	SYN-DURABLE	SYN-STRONG	SYN-TAG	SYN-HEAT
Material/polymer	BOPP	BOPP	PE-based	PO-based	PP-based	PET
Thickness ranges µm	54 - 95	100 - 250	75 - 350	75 - 350	75 - 400	75 - 360
Mils	2.1 - 3.7	3.9 - 9.8	3.0 - 13.8	3.0 - 13.8	3.0 - 15.7	3.0 - 14.2
Density	0.84	0.80	1.07	1.11	1.12	1.38
Basic weigth (g/m²)	45 - 80	80 - 360	80 - 375	83 - 416	84 - 448	186 - 497
Surface treatment	Coated/corona	2 side coated	Both sides corona treated			2 side coated
Printability	●●●●●	●●●●●	●●●●	●●●●	●●●●	●●●●●
Writeablitity	Ball pen/Marker	Ball pen/Marker	Ball pen	Ball pen	Ball pen	Ball pen/Marker
Tensile strength MD	●●●●	●●●●	●●●●●	●●●●●	●●●●	●●●●
TD	●●●●	●●●●	●●●	●●●●	●●●	●●●●
Tear resistance	●●●●	●●●●	●●●	●●●●	●●●	●●●●
Tear initiation resistance	●	●	●●●●	●●●●	●●●	●
Whiteness	●●●●	●●●●	●●●●	●●●●	●●●●	●●
Opacity	●●●●	●●●●	●●	●●●	●●●●	●●●●
Stiffness	●●●●	●●●●	●	●●	●●●	●●●●●
UV stability	●●●	●●●	●●●●	●●●●	●●●●	●●●●
Temp. resistance high	●●●●	●●●●	●●	●●●	●●●●	●●●●●
low	●●	●●	●●●●	●●●	●●●	●●●
Die cutting:						
Blade angle sharpness	●●●	●●●	●●●●●	●●●●	●●●	●●
Cutting speed	●●●	●●●	●●●●●	●●●●●	●●●●	●●●
Die life	●●●	●●●	●●●●●	●●●●●	●●●●	●●
Guillotining	●●●	●●●●	●●	●●	●●●	●●●●
Printing methods	All conventional printing methods including Flexo, UV, Litho, Digital, Screen, Thermal Transfer					Laser plus all conventional

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