

# PARAGON INKS

GLOBAL INK SPECIALISTS



## INKS & COATINGS PRODUCT GUIDE

1<sup>st</sup> Edition 2020



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# About Us



*Our business philosophy is centred on the key values of integrity and partnership. Our absolute belief in the commitment to continuous improvement and customer service is demonstrated by the active development of our business and the symbiotic long-term relationships with our customers, distributors, suppliers and co suppliers.*

## One World Business

As one of the acknowledged leaders in the web-printing field in the UK, we deliver our product portfolio and brand to the global market, offering a real “one-world” alternative to the corporate and independent printers across the world.

Our sole manufacturing site supplies our national home market and our international market, which consists of our sister companies Paragon Inks AUS and Paragon Inks ZA, our direct international customer base and our select one-world distributor and partner network covering over 65 countries across the world.

As proud winners of **The Queen’s Award for Enterprise 2014** and the **2017 Scottish Export Team Award**, dedication and commitment to our home and global customer base is paramount.



## Forward Thinking

Expansion and optimisation of our 30,000 square feet one-world manufacturing facility enables us to offer a dedicated space for ink and coating formulation, GMP manufacture, innovation, training and storage.

Bespoke technology assertion, coupled with state-of-the-art complete traceability systems, unique processing and output optimisation focused on scientific milling and manufacturing technology, has advanced our inks and coating development capabilities.

Through continued investment, innovation and dedication, we have created a unique symbiotic entity that embraces our whole company, brand and complete supply chain.



# Distinct Alternative

*We believe people are our business and have been Investor in People accredited for many years.*

*A dedicated laboratory, training and production facility allows the growing team within Paragon Inks to continue and enhance our commitment to the one-world web-printing industry.*

## Committed to Customer Care

Our specially trained and dedicated technical team operates in a purpose-built facility using state of the art equipment. More than 50% of our staff is dedicated to products, print and application for the web printing industry, which is complimented by our relationships with key co-suppliers to the industry.

This commitment has enabled us to provide our customers with an unrivalled level of service, becoming the only ink supplier to able to offer a complete package of added value products and services, bespoke to individual businesses across the world



## Partnerships & Co Suppliers

We understand that our UV inks and coatings are just part of the equation for our one world customers to provide high quality, consistent and cost-effective products for their customers, brand owners and ultimately the consumer.

The other variables associated with web printing from pre-press solutions to effective printing and converting are also vitally important. Because of this, we have long standing working relationships with some of the world's leading OEMs and co suppliers within the web printing market today.



Our twin focus of UV products and web printing application has allowed us to create and cultivate a pioneering world-class expertise in product, print, converting and application knowledge, for the packaging and product decoration markets that never stand still.

# Product Contents

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Please note that this is not an exhaustive list of the products in our range.

If you need something that is not listed here please call us to discuss your requirements.

This guide is produced annually and is representative of our most up to date products at the time of publishing.

**UV FLEXO LUNA RANGE**  
**Complies to the EuPIA Exclusion Policy**  
**(Benzophenone, ITX, BDK and 369 Free)**

<b>4 Colour Process Set</b>	<b>Lite</b>	<b>Standard</b>	<b>Strong</b>
<b>Pantone Process Yellow</b>	YF0015	YF0005	YF0007
<b>Pantone Process Magenta</b>	RF0015	RF0005	RF0007
<b>Pantone Process Cyan</b>	CF0015	CF0005	CF0007
<b>Pantone Process Black</b>	BF0015	BF0005	BF0005

<b>Base Colour Palette</b>	<b>Code</b>
<b>Pantone Yellow</b>	YF0001
<b>Mixing Orange</b>	YF0002
<b>Pantone Warm Red</b>	RF0002
<b>Pantone 032 Red</b>	RF0004
<b>Pantone Rubine</b>	RF0001
<b>Pantone Rhodamine</b>	RF0003
<b>Pantone Purple</b>	CF0003
<b>Pantone Violet</b>	VF0001
<b>Pantone 072 Blue</b>	CF0004
<b>Pantone Reflex Blue</b>	CF0002
<b>Pantone Process Blue</b>	CF0001
<b>Pantone Green</b>	GF0001
<b>Pantone Mixing / Untoned Black</b>	BF0002
<b>Tinting Medium</b>	TF0001

<b>Spot Colour Palette</b>	<b>Code</b>
<b>Pantone 021 Orange</b>	YF0004
<b>Spot 032 Red</b>	RF0014
<b>Pantone Dark Blue</b>	CF0006
<b>Intense Green</b>	GF0011
<b>Pink</b>	RF0006

Please visit our website or contact us directly for the TDS information sheet, which contains technical information and printing recommendations.

## UV FLEXO AURA RANGE

### FPC (Food Packaging Compliant) ink range

Swiss Ordinance and EuPIA guidelines for indirect food packaging compliant

4 Colour Process Set	Lite	Standard	Strong
Pantone Process Yellow	YFA-15	YFA-05	YFA-07
Pantone Process Magenta	RFA-15	RFA-05	RFA-07
Pantone Process Cyan	CFA-15	CFA-05	CFA-07
Pantone Process Black	BFA-15	BFA-05	BFA-05

Base Colour Palette	Code
Pantone Yellow	YFA-01
Mixing Orange	YFA-02
Pantone Warm Red	RFA-02
Pantone 032 Red	RFA-04
Pantone Rubine	RFA-01
Pantone Rhodamine	RFA-03
Pantone Purple	CFA-03
Pantone Violet	VFA-01
Pantone 072 Blue	CFA-04
Pantone Reflex Blue	CFA-02
Pantone Process Blue	CFA-01
Pantone Green	GFA-01
Pantone Mixing / Untoned Black	BFA-02
Tinting Medium	TFA-01

Spot Colour Palette	Code
Pantone 021 Orange	YFA-04
Spot 032 Red	RFA-14
Pantone Dark Blue	CFA-06
Intense Green	GFA-11
Pink	RFA-06

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## LED FLEXO AURA RANGE

### FPC (Food Packaging Compliant) ink range

Swiss Ordinance and EuPIA guidelines for indirect food packaging compliant

4 Colour Process Set	Lite	Standard	Strong
Pantone Process Yellow	LEDA-Y15	LEDA-Y05	LEDA-Y07
Pantone Process Magenta	LEDA-R15	LEDA-R05	LEDA-R07
Pantone Process Cyan	LEDA-C15	LEDA-C05	LEDA-C07
Pantone Process Black	LEDA-B15	LEDA-B05	LEDA-B05

Base Colour Palette	Code
Pantone Yellow	LEDA-Y01
Mixing Orange	LEDA-Y02
Pantone Warm Red	LEDA-R02
Pantone 032 Red	LEDA-R04
Pantone Rubine	LEDA-R01
Pantone Rhodamine	LEDA-R03
Pantone Purple	LEDA-C03
Pantone Violet	LEDA-V01
Pantone 072 Blue	LEDA-C04
Pantone Reflex Blue	LEDA-C02
Pantone Process Blue	LEDA-C01
Pantone Green	LEDA-G01
Pantone Mixing / Untoned Black	LEDA-B02
Tinting Medium	LEDA-T01

Spot Colour Palette	Code
Pantone 021 Orange	LEDA-Y04
Pantone Dark Blue	LEDA-C06
Intense Green	LEDA-G11
Pink	LEDA-R06

**Please note these products are made to order only and not kept in stock.**

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### Additional Information on UV Flexo LUNA Blacks

Complies to the EuPIA Exclusion Policy

(Benzophenone, ITX, BDK and 369 free)

Description	Code	Recommendations
UV Flexo LUNA Mixing / Untoned Black	BF0002	Designed for use in colour matchings. It can also be used as a spot black but will have a browner, less blue finish than the Jobbing or Dense Black. Recommend aniloxes up to a volume of 9.0cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo LUNA Process Black	BF0005	Designed as a standard and strong black for 4CP printing. Not to be used for solids at heavy volumes as cure will be affected. Recommend anilox volumes of 2.0 – 5.0cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo LUNA Process/ Jobbing Black	BF0015	Designed as a lite black for 4CP printing. Can be used for solids at heavier volumes. Recommend aniloxes up to a volume of 9.0cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo LUNA High Adhesion Black	B2095*	Designed as a solid and text black for difficult substrates, including fibrous stocks. Can also be used as a backing black for reverse printing on glassine or highly siliconised stocks. Recommend aniloxes up to a volume of 9.0cm <sup>3</sup> /m <sup>2</sup> .

\*Please note these products contain Benzophenone.

### Additional Information on UV Flexo AURA Blacks

FPC (Food Packaging Compliant) ink range

Swiss Ordinance and EuPIA guidelines for indirect food packaging compliant

Description	Code	Recommendations
UV Flexo AURA Mixing/Untoned Black	BFA-02	Designed for use in colour matchings. It can also be used as a spot black but will have a browner, less blue finish than the Jobbing or Dense Black. Recommend aniloxes up to a volume of 9.0cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo AURA Process Black	BFA-05	Designed as a standard and strong black for 4CP process. Not to be used for solids at heavy volumes as cure will be affected. Recommend anilox volumes of 2.0 – 5.0cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo AURA Process / Jobbing Black	BFA-15	Designed as a lite black for 4CP printing. Can be used for solids at heavier volumes. Recommend anilox volumes of 7.0 – 9.0cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo AURA Backing Black	B2466	Designed as a solid and text black for reverse printing on glassine or highly siliconised stocks. Recommend aniloxes up to a volume of 9.0cm <sup>3</sup> /m <sup>2</sup> .



**Additional Information on LED Flexo AURA Blacks**  
**FPC (Food Packaging Compliant) ink range**  
**Swiss Ordinance and EuPIA guidelines for indirect food packaging compliant**

Description	Code	Recommendations
<b>LED Flexo AURA Mixing/Untoned Black</b>	LEDA-B02	Designed for use in colour matchings. It can also be used as a spot black but will have a browner, less blue finish than the Jobbing or Dense Black. Recommend aniloxes up to a volume of 9.0cm <sup>3</sup> /m <sup>2</sup> .
<b>LED Flexo AURA Process Black</b>	LEDA-B05	Designed as a standard and strong black for 4CP process. Not to be used for solids at heavy volumes as cure will be affected. Recommend anilox volumes of 2.0 – 5.0cm <sup>3</sup> /m <sup>2</sup> .
<b>LED Flexo AURA Fluid Strong Process Black</b>	LEDA-B09	Designed as a standard and strong black for 4CP process. Not to be used for solids at heavy volumes as cure will be affected. Recommend anilox volumes of 2.0 – 5.0cm <sup>3</sup> /m <sup>2</sup> .
<b>LED Flexo AURA Process/ Jobbing Black</b>	LEDA-B15	Designed as a lite black for 4CP printing. Can be used for solids at heavier volumes. Recommend aniloxes up to a volume of 9.0cm <sup>3</sup> /m <sup>2</sup> .
<b>LED Flexo AURA Jobbing Black</b>	LEDA-B17	Designed to be used for large areas solids and text printing. Recommend aniloxes up to a volume of 9.0cm <sup>3</sup> /m <sup>2</sup> .

## TITANIUM WHITE RANGE

### UV FLEXO LUNA RANGE

Complies to the EuPIA Exclusion Policy  
(Benzophenone, ITX, BDK and 369 Free)

Description	Code	Recommendations
UV Flexo LUNA Titanium Mixing White	WF0001	WF0001 is a dedicated mixing white for the LUNA range, which can be used as a low opacity first down white.
UV Flexo LUNA Titanium First Down White	W348	W348 is a dedicated ink for first down print applications, on supported stocks. Recommended anilox volumes of 10-30cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo LUNA Titanium Flexible First Down White	W347	W347 is a dedicated ink for first down print applications, where a flexible ink is required. Recommended anilox volumes of 8-10cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo LUNA Titanium Hot Melt Last Down White	W307	W307 is a dedicated ink for last down and reverse print applications, such as shrink sleeves and wrap-around-labelling (WARL), when a hot melt adhesive is being applied to the white ink to secure the decoration to the container. Recommended anilox volumes of 8-10cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo LUNA Titanium Last Down White	W362	W362 is a dedicated ink for last down and reverse print applications, such as shrink sleeves and wrap-around-labelling (WARL). Recommended anilox volumes of 8-10cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo LUNA Titanium Lidding First Down White	W320	W320 is a dedicated ink for first down print applications, on to metal based lidding material. Recommended anilox volumes of 8-10cm <sup>3</sup> /m <sup>2</sup> .
UV LUNA Titanium Combination White	W358	W358 is a dedicated ink for first down print applications, on supported stocks. Recommended anilox volumes of 10-30cm <sup>3</sup> /m <sup>2</sup> .

## TITANIUM WHITE RANGE

### UV FLEXO AURA RANGE

#### FPC (Food Packaging Compliant) ink range

#### Swiss Ordinance and EuPIA guidelines for indirect food packaging compliant

Description	Code	Recommendations
UV Flexo AURA Titanium Mixing White	WFA-01	WFA-01 is a dedicated mixing white for the AURA range, which can be used as a low opacity first down white.
UV Flexo AURA Titanium First Down White	WFA-48	WFA-48 is a dedicated FPC ink for first down print applications, on supported stocks. Recommended anilox volumes of 10-30cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo AURA Titanium Flexible First Down White	WFA-47	WFA-47 is a dedicated FPC ink for first down print applications, where a flexible ink is required. Recommended volumes of 8-10cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo AURA Titanium Hi Adhesion First Down White	WFA-66	WFA-66 is a dedicated FPC white for first down print applications on difficult substrates that create issues with adhesion. Recommended volumes of 8-10cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo AURA Titanium Hot Melt Last Down White	WFA-07	WFA-07 is a dedicated FPC ink for last down and reverse print applications, such as shrink sleeves and wrap-around-labelling (WARL) when a hot melt adhesive is being applied to the white ink to secure the decoration to the container. Recommended volumes of 8-10cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo AURA Titanium Last Down White	WFA-34	WFA-34 is a dedicated FPC ink for last down and reverse print applications, such as shrink sleeves and wrap-around-labelling (WARL). Recommended volume of 8-10cm <sup>3</sup> /m <sup>2</sup> .
UV Flexo AURA Titanium Lidding First Down White	WFA-20	WFA-20 is a dedicated FPC ink for first down print applications on to metal based lidding material. Recommended volumes of 8-10cm <sup>3</sup> /m <sup>2</sup> .

**TITANIUM WHITE RANGE**

**LED FLEXO AURA RANGE**

**FPC (Food Packaging Compliant) ink range**

**Swiss Ordinance and EuPIA guidelines for indirect food packaging compliant**

Description	Code	Recommendations
<b>LED Flexo AURA Titanium First Down White</b>	LEDA-W48	LEDA-W48 is a dedicated FPC ink for first down print applications, on supported stocks. Recommended anilox volumes of 10-30cm <sup>3</sup> /m <sup>2</sup> .
<b>LED Flexo AURA Titanium Flexible First Down White</b>	LEDA-W47	LEDA-W47 is a dedicated FPC ink for first down print applications, where a flexible ink is required. Recommended volumes of 8-10cm <sup>3</sup> /m <sup>2</sup> .
<b>LED Flexo AURA Titanium Last Down White</b>	LEDA-W34	LEDA-W34 is a dedicated FPC ink for last down and reverse print applications, such as shrink sleeves and wrap-around-labelling (WARL). Recommended volume of 8-10cm <sup>3</sup> /m <sup>2</sup> .
<b>LED Flexo AURA Titanium Special First Down White</b>	LEDA-W12	LEDA-W12 is a dedicated FPC ink for first down print applications, on unsupported stocks. Recommended anilox volumes of 10-30cm <sup>3</sup> /m <sup>2</sup> .

**UV FLEXO LUNA LIGHTFAST RANGE**  
Complies to the EuPIA Exclusion Policy  
(Benzophenone, ITX, BDK and 369 free)

<b>4 Colour Process Set</b>	<b>Code</b>
Lightfast Process Cyan	CF3005
Lightfast Process Black	BF3005

<b>Base Colour Palette</b>	<b>Code</b>
Lightfast Process/Pantone Yellow	YF3001
Lightfast Mixing Orange	YF3002
Lightfast Warm Red	RF3002
Lightfast 032 Red	RF3004
Lightfast Process Magenta / Rubine	RF3001
Lightfast Rhodamine	RF3003
Lightfast Purple	CF3003
Lightfast Violet	VF3001
Lightfast 072 Blue	CF3004
Lightfast Reflex Blue	CF3002
Lightfast Process Blue	CF3001
Lightfast Green	GF3001
Lightfast Mixing / Untoned Black	BF3002
Tinting Medium	TF0001

<b>Spot Colour Palette</b>	<b>Code</b>
Lightfast 021 Orange	YF3004
Opaque White	WF0001

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## UV FLEXO LUNA FLUORESCENT RANGE

Complies to the EuPIA Exclusion Policy

(Benzophenone, ITX and BDK free)

Base Colour Palette	Code
Fluorescent 802c Green	LMFLG802
Fluorescent 803c Yellow	LMFLY803
Fluorescent 804c Orange	LMFLY804
Fluorescent 805c Red	LMFLR805
Fluorescent 806c Pink	LMFLR806
Fluorescent 807c Purple	LMFLC807
Fluorescent 809c Yellow	LMFLY809
Fluorescent 810c Orange	LMFLY810
Fluorescent 811c Orange	LMFLY811
Fluorescent 812c Red	LMFLR812
Fluorescent 813c Pink	LMFLR813

Spot Colour Palette	Code
Bright Fluorescent Yellow	LMFLY815

Product Shelf Life: 4 months

### Printing Fluorescents

Fluorescent pigments, in general, are very weak in colour strength compared to conventional ink systems however this range has been developed with increased strength to allow lower volume aniloxes to be used.

### Fluorescent Lightfastness

Fluorescent colours are poor for lightfastness and are estimated at Blue wool Scale 1-2. We do not recommend that the printed examples of these colours be exposed to daylight conditions.

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**UV FLEXO LUNA 1-PACK METALLICS**  
**Complies to the EuPIA Exclusion Policy**  
**(Benzophenone, ITX, BDK and 369 free)**

<b>1-Pack Metallics</b>	<b>Code</b>
Flexo LUNA 1-Pack 871c Gold	1941-1
Flexo LUNA 1 Pack 872c Gold	1927-1
Flexo LUNA 1-Pack 873c Gold	1928-1
Flexo LUNA 1-Pack 874c Gold	1929-1
Flexo LUNA 1-Pack 875c Gold	1930-1
Flexo LUNA 1-Pack 876c Gold	1931-1
Flexo LUNA New 1-Pack 877c Silver	1958
Flexo LUNA 1-Pack 877c Silver	1960-1
Flexo LUNA 1-Pack 877c Silver (Low Viscosity)	1950-1
Flexo LUNA 1-Pack Bright Silver	1945-1

Product Shelf Life: 6 months.

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**UVDRY FLEXO 1-PACK (FPC) METALLICS**  
**FPC (Food Packaging Compliant) ink range**  
**Swiss Ordinance and EuPIA guidelines for indirect food packaging compliant**  
**(Benzophenone, ITX, BDK and 369 free)**

<b>1-Pack Metallics</b>	<b>Code</b>
Flexo 1-Pack 871c Gold (FPC)	MET2071-1
Flexo 1 Pack 872c Gold (FPC)	MET2072-1
Flexo 1-Pack 873c Gold (FPC)	MET2073-1
Flexo 1-Pack 874c Gold (FPC)	MET2074-1
Flexo 1-Pack 875c Gold (FPC)	MET2075-1
Flexo 1-Pack 877c Silver (FPC)	MET2077-1

Product Shelf Life: 6 months.



## **FLEXO SCRATCH-OFF RANGE**

**(Please note this ink range contains Benzophenone)**

<b>Scratch-Off Metallic System</b>	<b>Code</b>
<b>Flexo Scratch-off Base Lacquer</b>	L501
<b>Flexo Scratch-off Metallic Varnish</b>	MV830
<b>Flexo New Silver Paste</b>	1957
<b>Flexo New Dense Scratch-off Black</b>	B2070
<b>Flexo Scratch-off Overlacquer</b>	L574

Unmixed shelf life of metallic paste: 6 months.

Mixed product shelf life: 24 hours

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## FLEXO ADDITIVES

Description	UV Flexo LUNA	UV Flexo AURA	LED	Details
<b>Liquid Reducer</b>	AD115	AD131	AD131	Use as required to lower the viscosity and tack of inks and varnishes.  Use to a maximum of 10%.
<b>Cure Promoter (Colours only)</b>	AD262	AD226	AD226	Used to improve the cure of coloured inks. Do not use in clear coatings, whites or tints.  An add of 2-3% should be sufficient.
<b>Cure Promoter</b>	AD202	AD234	AD234	Used to improve the cure of whites, clear coatings and tints.  An add of 2-3% should be sufficient.
<b>Slip Additive</b>	AD317	AD317	AD317	Used to improve the tape adhesion of inks or varnishes.  Do not use in systems intended for foil blocking, overprinting or gluing.  An add of 0.5-2.0% should be sufficient.  Add to subsequent colours used in the process for trapping purposes.
<b>Levelling Additive</b>	AD325	AD325	AD325	Used to improve the lay of one ink on top of another.  Can be used to improve lay of the ink on difficult substrates.  Do not use in systems intended for foil blocking, overprinting or gluing.  An add of 0.5-2.0% should be sufficient.
<b>De-Foamer</b>	AD346	AD346	AD346	Used to remove excess surface foam.  An add of 0.1-1.0% should be sufficient.

**WATERBASED 4000 RANGE**  
Complies to the EuPIA Exclusion Policy

<b>4 Colour Process Set</b>	<b>Code</b>
Process Yellow	WBYF4405
Process Magenta	WBRF4405
Process Cyan	WBCF4405
Process Black	WBBF4407

<b>Base Colour Palette</b>	<b>Code</b>
Yellow	WBYF4401
021 Orange	WBYF4404
Warm Red	WBRF4402
032 Red	WBRF4404
Rubine	WBRF4401
Rhodamine	WBRF4403
Purple	WBCF4403
Violet	WBUF4401
072 Blue	WBCF4404
Reflex Blue	WBCF4402
Process Blue	WBCF4401
Green	WBGF4401
Mixing Black	WBBF4402
Extender	WBTF4401
Hi Opacity White	WBWF4404

<b>Spot Lightfast Colour Palette</b>	<b>Code</b>
012 Yellow	WBYF4406
Purple	WBCF4413
Violet	WBUF4411
072 Blue	WBCF4414
Reflex Blue	WBCF4412
Jet Black	WBBF4401

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## WATERBASED ADDITIVES

Description	Code	Details
<b>Retarder</b>	AD2401	Additive to reduce drying times. Add up to 5%.
<b>Fast Solvent</b>	AD2402	Additive to increase drying times. Add up to 10%. Must be stirred in.
<b>Refresh Stabilizer Reducer</b>	AD2414	Keeps inks open on long runs. An add of 2-3% should be sufficient.
<b>Levelling Additive</b>	AD2415	Silicone additive, reduces pinholes, etc. Add up to 2%. Must be stirred in.
<b>Print Clean Stabiliser</b>	AD2405	Best all round additive for pH, reduced drying and stability. Add up to 10%.
<b>Press Side Defoamer</b>	AD2416	Defoamer additive. Add up to 3%

## UV LETTERPRESS LUNA RANGE

Complies to the EuPIA Exclusion Policy  
(Benzophenone, ITX, BDK and 369 free)

4 Colour Process Set	Code
Pantone Process Yellow	LMYP2003
Pantone Process Magenta	LMRP2005
Pantone Process Cyan	LMCP2005
Pantone Process Black	LMBP2001

Base Colour Palette	Code
Pantone Yellow	LMYP2001
Pantone 021 Orange	LMYP2002
Pantone Warm Red	LMRP2002
Pantone 032 Red	LMRP2004
Pantone Rubine	LMRP2001
Pantone Rhodamine	LMRP2003
Pantone Purple	LMCP2003
Pantone Violet	LMCV2001
Pantone 072 Blue	LMCP2004
Pantone Reflex Blue	LMCP2002
Pantone Process Blue	LMCP2001
Pantone Green	LMGP2001
Pantone Mixing / Untoned Black	LMBP2002
Tinting Medium	LMV2001
Opaque White	LMW2001

Spot Colour Palette	Code
Dense Opaque White	LMW095
Spot Reflex Blue (Fine text & line work)	LMC3003
Process / Dense Black (Fine text & line work)	LMB1450

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## UV LETTERPRESS LUNA LIGHTFAST RANGE

Complies to the EuPIA Exclusion Policy

(Benzophenone, ITX, BDK and 369 free)

4 Colour Process Set	Code
Process Yellow	LMYP3003
Process Magenta	LMRP3005
Process Cyan	LMCP3005
Process Black	LMBP3001

Base Colour Palette	Code
Yellow	LMYP3001
021 Orange	LMYP3002
Warm Red	LMRP3002
032 Red	LMRP3004
Rubine	LMRP3001
Rhodamine	LMRP3003
Purple	LMCP3003
Violet	LMCV3001
072 Blue	LMCP3004
Reflex Blue	LMCP3002
Process Blue	LMCP3001
Green	LMGP3001
Mixing / Untoned Black	LMBP3002
Tinting Medium	LMV2001
Opaque White	LMW2001

Spot Colour Palette	Code
Dense Opaque White	LMW095

Please visit our website or contact us directly for the TDS information sheet, which contains technical information and printing recommendations.

## UV LETTERPRESS LUNA FLUORESCENT RANGE

Complies to the EuPIA Exclusion Policy

(Benzophenone, ITX and BDK free)

Fluorescent	Code
Fluorescent 802c Green	LMLPG802
Fluorescent 803c Yellow	LMLPY803
Fluorescent 804c Orange	LMLPY804
Fluorescent 805c Red	LMLPR805
Fluorescent 806c Pink	LMLPR806
Fluorescent 807c Purple	LMLPC807
Fluorescent 809c Yellow	LMLPY809
Fluorescent 810c Orange	LMLPY810
Fluorescent 811c Orange	LMLPY811
Fluorescent 812c Red	LMLPR812
Fluorescent 813c Pink	LMLPR813

Product shelf life: 4 months

### Printing Fluorescents

Fluorescent pigments, in general, are very weak in colour strength compared to conventional ink systems however this range has been developed with increased strength to allow lower coat weight to be used.

### Fluorescent Lightfastness

Fluorescent colours are poor for lightfastness and are estimated at Blue wool Scale 1-2. We do not recommend that the printed examples of these colours be exposed to daylight conditions.

Please visit our website or contact us directly for the TDS information sheet, which contains technical information and printing recommendations.

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**UV LETTERPRESS LUNA 1-PACK METALLIC RANGE**  
(Benzophenone, ITX, BDK and 369 free)

<b>1-Pack Metallics</b>	<b>Code</b>
Letterpress LUNA 1-Pack 871c Gold	1991-1
Letterpress LUNA 1-Pack 872c Gold	1992-1
Letterpress LUNA 1-Pack 873c Gold	1993-1
Letterpress LUNA 1-Pack 874c Gold	1994-1
Letterpress LUNA 1-Pack 875c Gold	1995-1
Letterpress LUNA 1-Pack 876c Gold	1996-1
Letterpress LUNA 1-Pack 877c Silver	1997-1

Product shelf life: 6 months.

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**LETTERPRESS SCRATCH-OFF RANGE**  
(Please note this ink range contains Benzophenone)

<b>Letterpress Scratch-Off</b>	<b>Code</b>
Letterpress Scratch-Off Duct Varnish	V234
Letterpress Scratch-Off Metallic Varnish	MV1051
Letterpress Silver Paste	MET2002
Letterpress New Scratch-Off Black	B1228
Flexo Scratch-Off Over Lacquer	L574

Unmixed shelf life of metallic paste: 6 months.

Mixed product shelf life: 24 hours.

Please visit our website or contact us directly for the TDS information sheet, which contains technical information and printing recommendations.

## UVDRY LETTERPRESS ADDITIVES

Description	Code	Details
<b>Liquid Reducer</b>	AD101	Use as required to lower the viscosity and tack of inks and varnishes. An add of 5% should be sufficient.
<b>Cure Promoter (Colours only)</b>	AD262	Used to improve the cure of coloured inks. Do not use In clear coatings, whites or tints. An add of 2-3% should be sufficient.
<b>Cure Promoter</b>	AD200	Used to improve the cure of whites, clear coatings and tints. An add of 2-3% should be sufficient.
<b>Slip Additive</b>	AD317	Used to improve the tape adhesion of inks or varnishes. Do not use in systems intended for foil blocking, overprinting or gluing. An add of 1-2% should be sufficient. Add to subsequent colours used in the process for trapping purposes.
<b>Gel Reducer</b>	AD103	Special reducer which will lower the tack of an ink or varnish. Ideal for use on flat bed or semi-rotary machines. An add of 5-10% should be sufficient.



## CLEAR COATINGS GUIDE

Coating / Application Feature	Finish	UV Flexo LUNA	UV Flexo AURA	LED	Water Base Flexo	Letterpress
<b>General Purpose (Non Overprintable)</b>	Hi Gloss	L553				
	Gloss	L512	LA112	L1012	WBC412	V540
	Satin	L520	LA120			V573
	Matt	L618	LA118	L1009	WBC416	V595
<b>General Purpose (Overprintable)</b>	Gloss	L508	LA108	L1008	WBC408	V510
	Satin	L513	LA113			V564
	Matt	L519	LA119	L1009	WBC419	V525
<b>Utility</b>	Gloss	L710*				V524
<b>Primer</b>	Gloss	L523	LA123			V521
<b>Primer – Difficult Substrates</b>	Gloss	L568	LA168		WBC417	
<b>Direct Thermal (For Thermal Coated Stocks)</b>	Gloss	L514	LA114			V575
	Matt	L530	LA130			
<b>High Performance</b>	Gloss	L544	LA144		WBC444	
	Satin	L633				
	Matt	L587				
<b>BPA Free (Non Overprintable)</b>	Gloss					
	Matt	L704				
<b>BPA Free (Overprintable)</b>	Gloss	L703				
	Matt	L706				
<b>Inmold Labelling Topcoat</b>	Gloss	L576	LA176			
	Matt		LA193			
<b>Adhesive Deadener</b>	Gloss	L301*			WBC411	V076*
<b>Blue Optically Bright Adhesive Deadener</b>	Gloss	L566*				
<b>Cationic Laminating Adhesive</b>	Gloss	L507				
<b>Free Radical Laminating Adhesive</b>	Gloss	L392*	LA195			
	Gloss	L743	LA228			
<b>Cold Foil Adhesive</b>	Gloss	L741*	LA126			V395*
<b>Cold Foil Adhesive (Porous Stock)</b>	Gloss	L725*	LA125			
<b>Cationic Release Coating</b>	Gloss	AD506 AD232				AD512 AD208
	Matt	L336				
<b>Free Radical Release Coating</b>	Gloss	L747	LA134			
<b>Signature Panel</b>	Matt	L521	LA121			V525
<b>Holo Emboss / Cast'n'Cure</b>	Gloss	L600	LA200			
<b>Soft Touch</b>	Matt	L584				
	Matt	AD556 AD557				

\*Please note these products contain Benzophenone.

## CLEAR COATINGS GUIDE

Coating / Application Feature	Finish	UV Flexo LUNA	UV Flexo AURA	LED	Water Base Flexo	Letterpress	Screen
Yellow Optically Bright HMRC Duty Stamps	Gloss	L464*				V335*	
Blue Optically Bright (Non Overprintable)	Gloss	L405*					
Blue Optically Bright (Overprintable)	Gloss	L541	LA138			V043*	
	Matt	L606*					
Yellow Optically Bright (Overprintable)	Gloss	L463*				V341	
High Build	Gloss		LA161				V363*
	Matt						V381
Tactile / Braille	Gloss						V370
Blue Optically Bright Tactile / Braille	Gloss						V379
Rough Touch	Matt	L732	LA115				
	Satin	L714					
Antibacterial	Gloss		LA163				
Thermal Expansion / Contraction Primer	Matt		LA105				
Face Print Shrink Sleeve	Matt	L506	LA106				
Wrap-around Labelling Topcoat	Gloss	L596*	LA196				
Special Effect	Silver Glitter	L229	LA129			V122	
	Pearl	L222	LA122			V031*	
HDDA Free (Over printable)	Matt	L719					
For Low Film Weight Applications	Gloss	L721					
Dead Matt Effect	Matt		LA135				
Sealer Off-Set Inks	Satin				WBC410		
	Gloss				WBC402		
Ram Punch Topcoat Off-Set Sealer	Gloss				WBC420		
Direct Food Contact Lacquer	Gloss				WBC434		

**\*Please note these products contain Benzophenone.**

Please visit our website or contact us directly for the relevant TDS information sheets, which contain technical information and printing recommendations.

**Other specials products available on request.**



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