

Product / brand: Cocoon Offset & Preprint

Country of origin: France

Website: www.arjowigginsgraphic.com

COCOON[®] Preprint | Offset

Product Data

Cocoon is THE innovative range of extra-white 100% recycled papers, FSC[®] Recycled certified. Cocoon offers an ultra smooth surface, consistent finish and excellent printability along with the best opacity. **By choosing Cocoon, you will never have to make a choice between whiteness and environmental credentials.**

Cocoon Offset is a top quality extra-white uncoated 100% recycled paper with excellent whiteness (CIE 148).

Cocoon Preprint is a top quality extra-white uncoated preprint laser 100% recycled paper with excellent whiteness (CIE 148).

- Cocoon Offset is available in the following weights: 80, 90, 100, 120, 140, 160, 200, 250, 300 and 350 gsm
- Cocoon Preprint is available in the following weights: 80, 90, 100, 120, 140 and 160 gsm

Certified Management Systems & Product certifications

For more in-depth environmental information, please request the Environmental Declaration or visit www.arjowigginsgraphic.com.



ISO 9001 Quality Management Standard
 ISO 14001 Environmental Management Standard
 OHSAS 18001 Health and Safety Management Standard
 ISO 50001 Energy Management Standard



FSC[®] Recycled certified
 (No. FSC-C021878)



Blue Angel

PCF Process Chlorine Free



HP Indigo certified*



Toy safety
 (EN 71)



EU Ecolabel Certification
 (No. FR/011/003)



Age-resistant standard
 suitable for archives
 (LDK class 24-85)



Heavy metal absence

*depending on grammage

Applications

Suitable for a wide range of applications (depending on grammage):

Report and accounts, CSR & environmental reports, brochures, direct mail, art books, catalogues, luxury magazines, greeting cards, invitations, menus, letterheads, transactional printing etc.

Recommendations

COCOON[®] Offset

Prepress recommendations :

- Screen rulings (Max 150 lpi)
- For heavy ink loads, Under-colour-removal (UCR) recommended

Printing recommendations :

- Guaranteed for Offset litho
- Sheets suitable for letter press
- Suitable for use in mono and color laser printers
- Recommended fount solution pH 5.5 +/- 0.5
- Suitable for sheet offset, heat set web offset, laser and narrow web offset presses
- Suitable for IR-drying and UV-curing
- Suitable for all offset, UV and acrylic varnishes

Converting recommendations :

- Suitable for blind embossing - avoid sharp edges on tools
- Suitable for hot-foil blocking / cold foil blocking
- Suitable for die cutting and perforation
- Folding pre-creasing recommended for >150 gsm
- Suitable for Clamps, wire thread and adhesive binding

COCOON[®] Preprint

Printing recommendations :

- Guaranteed for Offset litho
- Guaranteed for laser personalisation and limited inkjet printing
- Sheets suitable for letter press
- Recommended fount solution pH 5.5 +/- 0.5
- For subsequent laser printing respect storage
- Suitable for IR-drying and UV-curing
- Suitable for sheet offset, heat set web offset, laser and narrow web offset presses.

Converting recommendations :

- Suitable for blind embossing
- Suitable for die cutting and perforation
- Folding pre-creasing recommended for >150 gsm
- Suitable for Clamps, wire thread and adhesive binding
- Suitable for envelope machines, folding and inserting process

Technical specifications

If you seek information not shown below, contact your local sales office, email graphic@arjowiggins.com or visit www.arjowigginsgraphic.com

COCOON [®] Offset 							
ISO 536	ISO 534	ISO 11475	ISO 2471	ISO 8791-3	ISO 5629		ISO 287
Weight (gsm)	Bulk (cm ³ /g)	CIE Whiteness	Opacity (%)	Roughness Bendtsen (ml/min)	Dynamic Stiffness MD (mN.m)	Dynamic Stiffness CD (mN.m)	Relative Humidity (%)
80	1.17	148	94	230	0.40	0.20	40-50
90	1.17	148	96	280	0.60	0.32	40-50
100	1.18	148	96.5	280	0.75	0.40	40-50
120	1.15	148	98	280	0.90	0.45	40-50
140	1.15	148	98	280	1.20	0.60	40-50
160	1.15	148	99	330	1.80	0.90	40-50
200	1.15	148	99.5	350	4.50	2.00	40-50
250	1.15	148	100	450	8.40	4.00	40-50
300	1.15	148	100	500	14.00	7.00	40-50
350	1.16	148	100	550	22.00	11.00	40-50

COCOON [®] Preprint 							
ISO 536	ISO 534	ISO 11475	ISO 2471	ISO 8791-3	ISO 5629		ISO 287
Weight (gsm)	Bulk (cm ³ /g)	CIE Whiteness	Opacity (%)	Roughness Bendtsen (ml/min)	Dynamic Stiffness MD (mN.m)	Dynamic Stiffness CD (mN.m)	Relative Humidity (%)
80	1.15	148	94	230	0.40	0.20	30-40
90	1.15	148	96	280	0.60	0.32	30-40
100	1.16	148	96.5	280	0.75	0.40	30-40
120	1.15	148	98	280	0.90	0.45	30-40
140	1.14	148	98	280	1.20	0.60	30-40
160	1.14	148	99	330	1.80	0.90	30-40