

Product / brand: Cocoon Silk 60 & Cocoon Gloss 60

Country of origin: France

Website: www.arjowigginsgraphic.com

**COCOON[®] Silk
60**

**COCOON[®] Gloss
60**

Product Data

Cocoon is THE innovative range of extra-white recycled papers, FSC[®] certified. In 2009, ArjoWiggins Graphic was the first European paper manufacturer to launch a 100% recycled, extra-white coated paper for graphical applications. Cocoon is now also available with 60% recycled fibres, in a Silk and Gloss finish.

- Cocoon Gloss 60 is a extra-white gloss coated paper, made from 60% recycled fibre and 40% virgin fibre.
- Cocoon Silk 60 is a extra-white silk coated paper, made from 60% recycled fibre and 40% virgin fibre.
- Both are available in the following grammages: 100, 115, 135, 150, 170, 200, 250, 300 and 350 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[®] Mix certified
(No. FSC-C021878)



HP Indigo
certified

ECF Elemental Chlorine Free



Toy safety
(EN 71)



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



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

DIN 6738



Heavy metal absence

Applications

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

Brochures, reports and accounts, magazines, folders, catalogues and advertising materials such as inserts and direct mailings.

Recommendations

**COCOON[®] Gloss
60**

Prepress recommendations :

- Screen rulings (Max 200 lpi)
- For heavy ink loads, Under-colour-removal (UCR) recommended

Printing recommendations :

- Guaranteed for Offset litho
- Suitable for silk screen printing
- Suitable for use in mono and color laser printers
- Sheets suitable for letter press
- Recommended fount solution pH 5.5 +/- 0.5
- Compatible with IR-drying and UV-curing
- Suitable for offset, UV and acrylic varnishes

Converting recommendations :

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

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Printing recommendations :

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

Converting recommendations :

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

Technical specification

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

COCOON [®] Gloss 60							
ISO 536	ISO 534	ISO 11475	ISO 2470-2	ISO 2471	ISO 5629	ISO 5629	ISO 8254-1
Weight (gsm)	Bulk (cm ³ /g)	CIE Whiteness	ISO brightness (%)	Opacity (%)	Dynamic stiffness MD (mN.m)	Dynamic stiffness CD (mN.m)	Gloss (%)
100	0.74	126	98	91.5	0.30	0.17	73
115	0.73	126	98	93.5	0.42	0.25	73
135	0.73	126	98	95.5	0.60	0.40	73
150	0.72	126	98	96.5	0.90	0.60	73
170	0.72	126	98	97.5	1.30	0.80	73
200	0.72	126	98	98.5	1.80	1.30	73
250	0.75	126	98	99	4.00	2.70	73
300	0.78	126	98	100	7.20	4.90	73
350	0.80	126	98	100	12.00	7.90	73

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Weight (gsm)	Bulk (cm ³ /g)	CIE Whiteness	ISO Brightness (%)	Opacity (%)	Dynamic stiffness MD (mN.m)	Dynamic stiffness CD (mN.m)	Gloss (%)
100	0.87	126	98	94	0.40	0.22	32
115	0.87	126	98	94.5	0.60	0.35	32
135	0.85	126	98	96.5	0.90	0.60	32
150	0.86	126	98	97.5	1.18	1.00	32
170	0.87	126	98	98.5	1.70	1.10	32
200	0.88	126	98	99.5	2.70	1.80	32
250	0.94	126	98	100	6.30	4.40	32
300	0.98	126	98	100	11.80	7.70	32
350	1.00	126	98	100	19.20	12.50	32