# Silk Original

**Rock**

05/11/2026

## DESCRIPTION

Silk Original has all the advantages of Rough Original in a more satin finish. It further enhances print rendering and offers a softer touch, while retaining a very good grip and hold. Its well-balanced whiteness ensures a natural rendering of your color prints.

## TECHNICAL SPECIFICATIONS

| Specifications | Units | 100 | 120 | 150 | 170 | 200 | 300 | 350 | Standards |
|---|---|---|---|---|---|---|---|---|---|
| Substance | gsm | 100 | 120 | 150 | 170 | 200 | 300 | 350 | ISO 536 |
| Thickness | µm | 110 | 125 | 152 | 170 | 200 | 300 | 350 | ISO 534 |
| Bulk | $cm^3/g$ | 1.10 | 1.04 | 1.01 | 1.00 | 1.00 | 1.00 | 1.00 | |
| Stiffness | MD (mN.m) | 0.6 | 1.0 | 1.4 | 2.4 | 3.9 | 10.5 | 11.5 | ISO 2493 - 1 |
| | CD (mN.m) | 0.3 | 0.6 | 0.7 | 1.2 | 1.9 | 5.5 | 7.0 | |
| Bekk Smoothness | s | 120 | 120 | 120 | 120 | 120 | 60 | 60 | ISO 8791 - 2 |
| Whiteness | CIE | 151 | 151 | 151 | 151 | 151 | 151 | 151 | ISO 11475 |
| Brightness | ISO | 110 | 110 | 110 | 110 | 110 | 110 | 110 | ISO 2470 - 2 |
| Absolute humidity | $\%H_2O$ | 5.3 | 5.3 | 6.0 | 6.0 | 6.5 | 7.0 | 7.0 | ISO 287 |
| Relative humidity | % in the air | 42 | 42 | 48 | 48 | 50 | 60 | 60 | Sword measurement |
| Opacity | % | 93 | 95 | 97 | 98 | 99 | >99 | >99 | ISO 2471 |
| Tensile strength | MD (daN/15mm) | 6.7 | 7.7 | 8.5 | 13.2 | 13.8 | 17.7 | 24.0 | ISO 1924 - 2 |
| | CD (daN/15mm) | 3.9 | 4.3 | 4.6 | 7.4 | 7.6 | 9.8 | 13.5 | |
| Bursting strength | $kPa.m^2/g$ | 2.4 | 2.2 | 2.1 | 2.2 | 2.2 | 2.1 | 2.6 | ISO 2758 |
| Tearing strength | mN | 750 | 730 | 730 | 810 | 810 | 850 | 960 | ISO 1974 |
| Elongation at break | MD (m) | 1.9 | 1.8 | 1.8 | 2.1 | 2.1 | 1.9 | 2.8 | ISO 1924 - 2 |
| | CD (m) | 4.4 | 4.4 | 4.0 | 4.3 | 4.3 | 3.8 | 4.8 | |
| Durability of fibres | | | | | | | | | ISO 9706 |

JetPro™ TECHNOLOGY

A symbol of Clairefontaine's innovation, the JetPro® logo guarantees high-performance papers specifically designed to deliver inkjet printing with optimal precision and color quality.

| APPLICATIONS | |
|---|---|
| Brochures | |
| Cases | ● |
| Box set | ● |
| | ● |
| Illustrated books | ● |
| Greeting cards | ● |

| PRINTING SUGGESTIONS | |
|---|---|
| Inkjet | ● |
| Offset | ● |
| Letterpress | ● |
| Silk-screen | ● |
| Hot foil stamping | ● |

| CONVERTING SUGGESTIONS | |
|---|---|
| Die-cutting | ● |
| Embossing | ● |
| Etching | ● |
| Glueing | ● |

*For packaging or book publishing, the fibres direction should run parallel to the main fold.

## COMPLIANCE AND SUSTAINABILITY

No PFAS added

REACH (CE n° 1907/2006)
The product does not contain any candidate substances (SVHC) listed by ECHA at a concentration exceeding 0.1% by mass.

## CERTIFICATIONS

FSC www.fsc.org FSC® C002321 The mark of responsible forestry

ECF ELEMENTAL Chlorine FREE

**ISO 9001**
Quality Management System

**ISO 14001**
Environmental Management System

**ISO 50001**
Energy Management System