

REALISTIC SYNTHETIC / NOT CERTIFICATION

Northline Fibre Cup 426 ml

NC-FC-0426 / Printed paperboard cup, aqueous barrier and PP lid

SOURCE PAGES	SUPPORTED	REVIEW	OPEN GAPS
100	6	2	2

CONTROLLED SUMMARY

CONSTRUCTION	Printed paperboard cup, aqueous barrier and PP lid
NOMINAL MASS	16.98 g / paperboard 13.20 g / barrier 0.90 g / PP lid 2.80 g / ink 0.08 g
EVIDENCE RESULT	Six claims carry direct source support. Two need reviewer resolution. Two required sources are not supplied.
PRIMARY CONFLICT	PP lid recycled content is 30% in the supplier declaration and 28% in buyer master data.
PUBLICATION GATE	No customer-facing claim is approved until the responsible reviewer resolves the open controls.

DOCUMENT STATUS

Review-ready synthetic dossier. It shows what the workflow can organise and trace; it is not a manufacturer declaration, legal advice, independent certification or a finding of compliance.

Construction and mass balance

DOSSIER VERSION 01 / UNAPPROVED DEMO

SKU	NOMINAL VOLUME	NOMINAL TOTAL
NC-FC-0426	426 ml	16.98 g

COMPONENT	MATERIAL	MASS	SHARE	LOCATOR
Cup body	Virgin fibre paperboard	13.20 g	77.74%	p. 12
Functional coating	Aqueous barrier AB-77	0.90 g	5.30%	pp. 12, 48
Closure	PP lid LF90-PP-NAT	2.80 g	16.49%	pp. 12, 58
Decoration	External CL-LM4 ink	0.08 g	0.47%	pp. 12, 73
TOTAL	Four recorded components	16.98 g	100.00%	Arithmetic

ARITHMETIC CONTROL

13.20 + 0.90 + 2.80 + 0.08 = 16.98 g. The mass balance closes numerically. That does not resolve whether the supplier statements are sufficient for a final regulatory assessment.

Source-backed claims register

DOSSIER VERSION 01 / UNAPPROVED DEMO

C-001 Nominal fill volume: 426 ml SOURCE LOCATOR / packdossier-synthetic-evidence-pack-nc-fc-0426.pdf / p. 8 EXCERPT / "Nominal fill: 426 ml" SHA-256 ff2d4a7c5236efdc1ec1f99b1718b170d91e4ace8824e57eb8ad90ba61f22a49	ACCEPTED IN SYNTHETIC REVIEW
C-002 Total nominal pack mass: 16.98 g SOURCE LOCATOR / packdossier-synthetic-evidence-pack-nc-fc-0426.pdf / p. 12 EXCERPT / "TOTAL 16.98 g +/- 0.47 g" SHA-256 06a31c8332e6c29597e564a30b980a20124455c840a1659387aa83eb98d4b19d	ACCEPTED IN SYNTHETIC REVIEW
C-003 Paperboard mass: 13.20 g SOURCE LOCATOR / packdossier-synthetic-evidence-pack-nc-fc-0426.pdf / p. 12 EXCERPT / "Cup paperboard 13.20 g +/- 0.25 g" SHA-256 99bb0c6fb5e3bc581bea3b9586266174fa59588e62dfcba20fba7cb50d6fe592	ACCEPTED IN SYNTHETIC REVIEW
C-004 Aqueous barrier mass: 0.90 g SOURCE LOCATOR / packdossier-synthetic-evidence-pack-nc-fc-0426.pdf / p. 48 EXCERPT / "Nominal application 0.90 g per cup" SHA-256 258e7c4d3110fda9a76b9f5fc483605ffe6366ce1a4495f0337a24a17e90d306	PROPOSED / REVIEW REQUIRED

Source-backed claims register / continued

DOSSIER VERSION 01 / UNAPPROVED DEMO

C-005 PP lid mass: 2.80 g SOURCE LOCATOR / packdossier-synthetic-evidence-pack-nc-fc-0426.pdf / p. 58 EXCERPT / "Nominal mass 2.80 g +/- 0.12 g" SHA-256 0b742e91f88009bdec36425b7e7dcc6f587d9b6ff82c268e9814d16948c1dcd9	ACCEPTED IN SYNTHETIC REVIEW
C-006 Print ink mass: 0.08 g SOURCE LOCATOR / packdossier-synthetic-evidence-pack-nc-fc-0426.pdf / p. 73 EXCERPT / "Nominal dry mass 0.08 g per cup" SHA-256 314b4b7204e29676e898f45690cba52a03e9110de7edfd7d43bba6a16b7b1191	ACCEPTED IN SYNTHETIC REVIEW
C-007 Cup-body migration screening: 5.4 mg/dm2 SOURCE LOCATOR / packdossier-synthetic-evidence-pack-nc-fc-0426.pdf / p. 84 EXCERPT / "Overall migration 5.4 mg/dm2" SHA-256 69e16f0b226dcc50406b4c298f7df408805be356c5c98412e6c5184a52631ab3	APPLICABILITY REVIEW REQUIRED
C-008 PP lid PCR content: 30% / 28% conflict SOURCE LOCATOR / packdossier-synthetic-evidence-pack-nc-fc-0426.pdf / pp. 58, 94 EXCERPT / "Post-consumer recycled content 30% / commercial description 28% PCR" SHA-256 d6098480cf2b39e730a915485e524dacf4169d0c066ca56aa00a73160bd43234	BLOCKED / CONTRADICTION

Evidence gaps and contradiction

DOSSIER VERSION 01 / UNAPPROVED DEMO

ID	CONTROL	OBSERVED	NEXT ACTION	EFFECT
G-01	PP lid food-contact migration report	Not supplied	Supplier request SR-260722-01	Blocks final lid assessment
G-02	PCR chain-of-custody certificate	Not supplied	Supplier request SR-260722-02	Blocks substantiated PCR claim
C-01	PP lid recycled-content percentage	30% at p. 58 / 28% at p. 94	Supplier clarification required	Blocks percentage approval

FAIL-CLOSED OUTCOME

PackDossier must not choose the more favourable PCR value, invent the missing test or turn supplier wording into a compliance conclusion. The safe output is a visible control, an evidence request and a human decision recorded against the exact source version.

Source register and locators

DOSSIER VERSION 01 / UNAPPROVED DEMO

ID	SOURCE	LOCATOR	DATE	STATE
S-01	Internal packaging specification R04	pp. 6-15	26 Apr 2026	Controlled
S-02	Measured BOM / lot NF-2604-A	pp. 16-25	30 Apr 2026	Controlled
S-03	Nordwald fibre declaration	pp. 26-42	18 Mar 2026	Supplier statement
S-04	ClearCoat AB-77 statement	pp. 43-54	21 Apr 2026	Supplier statement
S-05	LidForm LF90 declaration	pp. 55-68	10 May 2026	Conflict present
S-06	Chromalab ink statement	pp. 69-78	29 Mar 2026	Supplier statement
S-07	Calyx screening report	pp. 79-90	18 Nov 2025	Cup body only
S-08	Declarations and follow-up	pp. 91-100	31 Jul 2026	Open items

Human review and publication controls

DOSSIER VERSION 01 / UNAPPROVED DEMO

01 Source coverage

All 100 pages indexed into nine non-overlapping processing units.

02 Proposed facts

Every proposed fact retains source name, locator, excerpt and SHA-256 excerpt hash.

03 Reviewer comparison

The reviewer compares value, excerpt and original page before accepting, correcting or rejecting.

04 Gap resolution

Missing sources and conflicting values stay visible and block affected approvals.

05 Controlled publication

Only approved fields may enter a customer evidence page or export.

Document control and use boundary

DOSSIER VERSION 01 / UNAPPROVED DEMO

FIELD	VALUE	CONTROL NOTE
Dossier version	01	Synthetic snapshot generated for product demonstration
Source snapshot	31 Jul 2026	100-page immutable synthetic evidence pack
Approval state	Unapproved demonstration	Open controls remain; no customer claim publication
Responsible party	Customer-appointed reviewer	PackDossier does not replace the manufacturer assessment
Retention	Demonstration asset	May be deleted or regenerated from deterministic fixture

USE BOUNDARY

This realistic synthetic dossier illustrates evidence organisation, extraction, tracing, gap control and approval state. It does not certify the packaging, determine legal compliance, replace qualified review or represent any real organisation's records.