

Paper Machine Clothing Technical Overview

Forming fabrics, press felts and dryer fabrics — selection data, source-specific model references and controlled credential scope.

FORMING	PRESS	DRYER
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Prepared from current PAPTEX technical parameter sheets and supplied certificate records. Values apply only to the named source record.

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1. The three core PMC families

Paper machine clothing should be discussed by section and position. A parameter that is useful in one location may serve a different purpose elsewhere.

Forming fabrics

Support the fibre mat and drainage process in the forming section. Selection should consider paper grade, furnish, machine speed, basis-weight range, sheet-surface requirements and the current fabric record.

Press felts

Support mechanical dewatering and sheet transport in the press section. Record the press position, nip configuration, design and operating load, incoming and outgoing moisture, vacuum and conditioning conditions before a construction is proposed.

Dryer fabrics

Support the sheet through the dryer section and interact with ventilation. Permeability must be discussed with group position, pocket conditions, sheet support, contamination and seam requirements.

Important evidence limit

The current designated source folder contains forming- and dryer-fabric model sheets but no approved press-felt model parameter sheet. This overview therefore does not publish press-felt model values, service-life claims or universal performance figures.

2. Selection data checklist

A complete data record reduces assumptions and gives the mill and supplier a baseline for reviewing a later change.

- ✓ Paper grade, furnish and basis-weight range
- ✓ Machine type, exact position, design/current speed and width
- ✓ Current clothing model, dimensions and operating record
- ✓ Vacuum and shower data for forming positions
- ✓ Nip configuration, design/operating load and moisture data for press positions
- ✓ Dryer group, pocket ventilation, contamination and seam requirements
- ✓ The exact problem to solve and the measured current baseline
- ✓ Photos, retired sample or recorded failure position where available

Do not treat a model name, permeability value or construction label as a complete recommendation. Final dimensions and operating limits require technical review against the machine record.

3. Source-specific model references

The following values are transcribed from named PAPTEX technical records. They are examples of the recorded product range, not guarantees for other models or machine positions.

Model	Family / construction	Density per cm	Recorded air permeability	Caliper
2B3616	Forming; 8/16-shed; 2.5-layer	40.5–41.5 / 32–36	7,000–8,200 m3/m2h (445–519 CFM)	1.420 mm
3CSSB603020	Forming; 2/5-shed triple layer	62.5–64.5 / 76–80	4,800 m3/m2h (303 CFM)	0.83 mm
BGW22608	Dryer; 8-shaft; 1.5-layer	22.0–22.6 / 13.5–14.5	4,740 m3/m2h (300 CFM)	1.60 mm
GW22504K	Dryer; 4-shed double layer; spiral seam	22.5–23.5 / 12–13	11,200 m3/m2h (709 CFM)	2.00 mm

Density is shown as warp / weft where the source uses those fields. CFM conversions and caliper values are preserved from the source sheets. Request the matching source sheet and technical review before using any value in a purchase specification.

4. Management-system credential scope

The supplied certificate images identify Henan Hengxing Papermaking Net Co., Ltd. and show the following management-system standards:

- ✓ GB/T 19001-2016 / ISO 9001:2015 — certificate IMSCG24Q11275R0S
- ✓ GB/T 24001-2016 / ISO 14001:2015 — certificate IMSCG24E11276R0S
- ✓ GB/T 45001-2020 / ISO 45001:2018 — certificate IMSCG24S11277R0S

The visible certificates were issued on 8 March 2024 and state validity to 7 March 2027, subject to annual surveillance/endorsement. The visible issuer is IMSCG / International Management System Certification Group (China). Current surveillance status should be confirmed with the issuer when required.

These management-system certificates do not certify a particular product's performance, a raw-material brand, a model's service life or an individual shipment.

5. Continue the technical review

Use the online overview for category links and the current machine-data form. Share the machine position, operating data and current clothing record for a source-controlled review.

[View the online technical overview](#)

[Contact PAPTEX](#)

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