



Cast Coated Label Papers

Passion for first-class high-tech papers

Thermal papers, inkjet papers, carbonless papers or label papers – the range of products from Mitsubishi HiTec Paper offers first-class coated specialty papers for all fields of use. Our papers meet the highest technological standards and are true high-tech papers. Because they combine the know-how of experienced paper makers with an excellent coating technology and a professional converting.

We produce the base paper ourselves. Product developments are consistently targeted the current and future needs of the markets. Paper innovations from Mitsubishi HiTec Paper set standards for new trends and possible applications.

Mitsubishi HiTec Paper profits from the fact that it is part of the international Mitsubishi Group, but has retained the flexibility of a medium-sized enterprise. Cooperation with the renowned R&D laboratories of our Japanese parent company Mitsubishi Paper Mills is the foundation for our outstanding product quality and great innovative strength. We are amongst the world's leading suppliers in all our product segments. Our specialised international sales network along with the technical service are available to our customers worldwide.



» The best paper is the basis.
Outstanding coating creates
an incomparable added value.
This is our passion:
first-class high-tech paper. «




First-class.

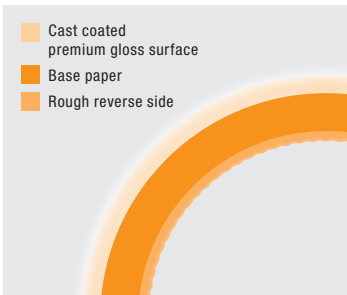
The first impression counts

Premium products need to really shine because the first impression is decisive in purchasing decisions at the point of sale. Sophisticated high class label design calls for outstanding paper. To turn creative ideas into remarkable POS labels reflecting the brand image. Before the product reaches the shelves, its transport and storage place great demands on the label paper. Differences in temperature and moisture affect the label and put the material to the test. The premium look has to be retained until the very end.

Cast coated label papers from Mitsubishi HiTec Paper give your products that premium appearance. Always. Dazzling and first-class.

Premium gloss surface

-  Cast coated premium gloss surface
-  Base paper
-  Rough reverse side



Premium gloss surface on special label paper with rough reverse side for best glue absorption.



Excellent.

Cast coated label papers

The processing and high level of finishing of top-class labels and wrappers place very high demands on the material. First-class printability, very good embossing properties and fast ink setting are the requirements that have to be satisfied by an excellent label paper. Safe processing on labelling equipment is a matter of course. Even at high speeds.

Our high gloss, cast coated label papers perform. Safe, reliable and excellent.

AT A GLANCE:

- > High-gloss, smooth surface
- > Very good finishing properties:
 - Embossing
 - Hot and cold foil embossing
 - Bronzing
 - Metallising
 - Varnishing
 - Laminating
 - Die-cutting
- > Outstanding wet-gloss retention
- > Very good wet strength
- > Fast ink setting
- > Rough reverse side
- > Universal printability with traditional printing methods as well as digital printing (e.g. HP Indigo systems with ILP)
- > Excellent runability/labelling
- > ISEGA-certified

GOOD TO KNOW

All Mitsubishi HiTec Paper supercote grades are FSC®-certified.



The mark of responsible forestry

Grade overview

Grade	Sub-stance	Caliper	CIE Whiteness	Gloss (20°)	Relative humidity	Tensile strength MD dry wet	Opacity dry wet	Wet strength	Printability
supercote 80	80 gsm	82 µm	100	≥ 40 %	45 %	≥ 48 N -	≥ 86 % -	-	Offset, flexo, screen, gravure printing, HP Indigo*
supercote 100	100 gsm	105 µm	100	≥ 40 %	45 %	≥ 65 N -	≥ 91 % -	-	Offset, flexo, screen, gravure printing, HP Indigo*
supercote 80 WS	80 gsm	82 µm	100	≥ 40 %	45 %	≥ 48 N ≥ 12 N	≥ 89 % ≥ 78 %	✓	Offset, flexo, screen, gravure printing, HP Indigo*

* Suitable for use in HP Indigo printing systems with ILP (inline primer unit)

For detailed information on measurement methods see our technical data sheets.

Product properties | Applications

Product properties	supercote 80	supercote 100	supercote 80 WS	Comments
Substance	80 gsm	100 gsm	80 gsm	
Premium gloss	✓	✓	✓	Premium gloss thanks to cast coating. The mirror-smooth, homogeneous surface stages your product perfectly at the Point of Sale.
Bright white	✓	✓	✓	The high whiteness supports brilliant colour print. The warm tone whiteness enhances elegant designs.
High wet opacity	-	-	✓	As a wet label, supercote 80 WS retains an excellent opacity so that it does not become translucent.
Excellent wet gloss retention	✓	✓	✓	Supercote retains its gloss when moist.
Very good embossing properties	✓	✓	✓	Unlimited finishing options to provide for unique label design at the point of sale. Whether relief embossing or blind embossing – supercote offers excellent embossing properties.
Very fast ink setting	✓	✓	✓	The smooth and high-gloss surface permits the finest of halftones, the best ink brilliance and outstanding print gloss. The cast coating is matched to the printing process, quick setting, little powder, no setting off.
Rough reverse side	✓	✓	✓	The rough reverse side allows an easy separation of the printed sheets from the pallets as well as from the labelling magazines. This guarantees high printing and labelling speeds.
Excellent runability	✓	✓	✓	Excellent runability and labelling properties are guaranteed.
Stiffness/Bulk	✓	✓	✓	Thickness and bulk offer good stiffness, particularly important during die-cutting and labelling.
Wet strength	-	-	✓	Wet strength guarantees a problem-free filling and labelling process. The high wet strength prevents damage to the label during filling.
Alkali resistance	-	-	✓	Alkali resistance is an important criterion for returnable glass or PET containers. The label remains in one piece, even after removal during washing, and can be disposed off correctly.
Self-adhesive labels	✓	✓	✓	Can be used to produce wet-glue labels or as face material for pressure sensitive constructions.
Recommended printing technologies	✓	✓	✓	Universal printability by traditional printing methods and digital printing (e.g. HP Indigo systems with ILP). In conjunction with high-gloss inks, the cast coating can replace additional varnishing.
Finishing Technologies	✓	✓	✓	Hot or cold foil embossing, relief or blind embossing, lamination and varnishing, specialty varnishing, bronzing, metallising
Further processing	✓	✓	✓	Folding, creasing, die-cutting, grooving
Ecological properties	✓	✓	✓	Biodegradable, pure paper product, ECF (elemental chlorine free cellulose), FSC® Mix, ISEGA

Applications

Labelling	✓	✓	✓	Wet-glue labels for non-returnable and returnable bottles, high-quality foods, all-round labels, labels for food and non-food, premium labels for wine, spirits, champagne, cosmetics industry
Packaging	✓	✓	✓	Wrappers and composite cans, shoulder boxes, sleeves for the tobacco industry, sweets, foods, household products
Laminates	✓	✓	✓	Adhesive labels in various sectors of industry such as food, cosmetics or beverages

As a responsible manufacturer, Mitsubishi HiTec Paper pays particular attention to the eco-friendly and high-quality production and converting of its cast coated label papers.

Certifications:

- > ISO 9001
- > ISO 14001
- > ISO 50001
- > FSC®-Mix
- > ISEGA

Memberships:

- > Ökoprofit
- > B.A.U.M.
- > Two Sides
- > FINAT



*super***cote**

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