

Metallic Paper In-Mold Label

Product Specification Sheet



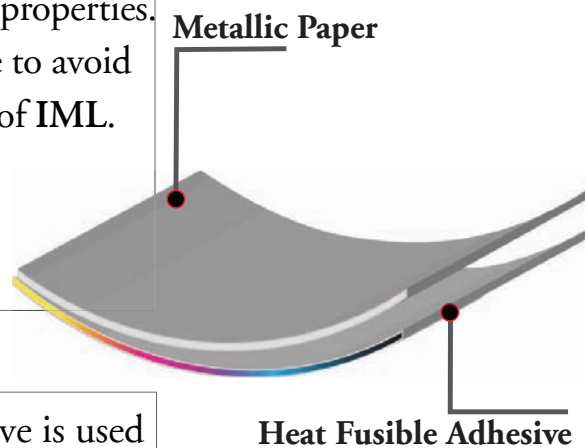
Substrate

Material	HDPE	LDPE	PP	PET
Use	Yes ✓	Yes ✓	Yes ✓	Yes ✓

Face

The face of the label consist of transfer metallised high glossy paper with excellent anti-curl properties. Paper is specially coated with slip additive to avoid label sticking and provide ease in staking of IML.

Micron – 50 and 60 Micron



IML Adhesive

Excellent Heat sellable polyolefin adhesive is used for sealing with various substrate. The adhesive is coated with special pattern to achieve good adhesion points and bonding.

GSM of Coating – 15 – 18 Gram/m²



Technical specifications

Properties	Our Label	Significance of property
Cobb Value	37	Water absorptiveness the mass of water absorbed in a specific time by 1 square meter.
Fusing Temperature (°C)	68-76	The value represent the tack value. Means lower the distance covered by ball indicate higher tack or high adhesion
Operating Temperature (°C)	180	Temperature at which label can sustain.
Clark Stiffness	34	Resistance to a bend due to the weight of its own. If the Clark stiffness is low, paper is easy to bend. Susceptible to moisture content due to heat. paper with a low Clark stiffness may shrink at edges or curl on printing.
Surface Smoothness (s)	82	The smoothness of the surface of the paper is important to get high print quality.
Static Friction	0.52 0.64	The friction characteristics of paper are important to transfer the paper correctly from in mold label jig to Robot.
Gloss %	62	Gloss is the measurement of the amount of light reflected and it is indicative measurement for metallic look.

Applications

Applications of metallic paper include labelling with excellent ink receptive coating for following industries.

Cosmetics:

Metallized paper IML have a good dimensional stability, hence it can be used for various products like foundation, cream jars and toner containers.

Lubricants:

Metallic paper IML is designed with special adhesive which is inert to oil interaction and hence it will give a permanent bond with lubricants containers.

Commodity:

Printing over metallic surface enhance the gloss of printed ink and the label look more premium and shiny. This metallic paper IML provide a eye-catching branding for various FMCG products.

INNOVIZION

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