



## PP Gloss and Matt White Offset M Lite Competitive film essentials for sheet applications

PP White Offset M Lite is the competitive and more environmentally sound alternative to PVC (\*). It has around half the thickness yet the same level of rigidity. This gives the material good performance on-press, and the finished labels handle very easily. The competitively thin PP White Offset M Lite also offers faster ink oxidative/UV drying for better productivity on the printing line. It has good conformability for labelling curved surfaces on rigid and semi-squeezable packaging, and is suitable for short to medium-term exposure outdoors.

The versatile material covers a range of applications in product labelling and secondary packaging applications, direct labelling on items like toys, and children's stickers. Good stiffness makes PP White Offset M Lite well-suited for larger self-adhesive end-uses like product labelling, small-size signage on shop windows, posters and wall decoration.

- Safer, recyclable and a more environmentally sound option compared to PVC (\*\*)
- Good rigidity for trouble-free running on-press and easy manual handling
- Competitively thin, and faster ink drying for productive press work
- Suitable for the toy use and complying with EN 71-3:2013 Safety of toys - Part 3: Migration of certain elements
- Complies with Food contact regulations EC 1935/2004 and EU 10/2011

### Standard combinations with 97-A/ Kraft 130 / W1

50x70 (R125, MOQ 5000 sheets) and 100x70 (R100, MOQ 5000 sheets)

(\*) PVC is a durable material with a long life expectancy, and these properties make it a good choice for many label end-uses. But there are environmental and health concerns which mean this material should be used selectively according to the requirements of the end-use. PVC isn't recyclable to the same extent as PP due to its intrinsic chemical composition and some of the additives it contains. PVC is also technically more demanding to incinerate due to toxic by-products such as dioxins, chlorocarbons and hydrochloric acid. PVC is on a number of end-users' chemical of concern lists due to the phthalates typically used as plasticizers and thought to be carcinogenic. Polypropylene is 100% recyclable: in general, it can be recycled with plastic packaging.

(\*\*) Comply with to 2005/84/EC regarding the restrictions on the marketing and use of certain dangerous substances and preparations (phthalates in toys and childcare articles)

# MASTERTAC TECHNICAL INFORMATION

07/2013 ENG

## SELF-ADHESIVE SHEETS

FACE PP GLOSS WHITE OFFSET M LITE

PP DHV (sales code)

Product White, Glossy, opaque BOPP film, corona-treated both sides.

Use For product labelling in applications where resistance to water, oils and chemicals is important. Especially suitable for offset printed promotional labels, conventional and UV. Exceptional conformability over curved surfaces.

## SHEETS

PP MATT WHITE OFFSET M LITE

DHW (sales code)

White, Matt, opaque BOPP film, corona-treated both sides.

For product labelling in applications where resistance to water, oils and chemicals is important. Especially suitable for offset printed promotional labels, conventional and UV. Exceptional conformability over curved surfaces.

### Typical technical values

Substance	36	g/m		36	g/m	
Caliper	60	µm		60	µm	
Tensile strength MD	70	N/mm <sup>2</sup>	ASMT-D 882	70	N/mm <sup>2</sup>	ASMT-D 882
Tensile strength CD	110	N/mm <sup>2</sup>	ASMT-D 882	110	N/mm <sup>2</sup>	ASMT-D 882
Opacity	85	%	ASMT-D 589	85%	%	ASMT-D 589
Glossy 45°	70	GU	ASTM-D 2457			

Printability Offset (conventional and UV), flexography, screen and letterpress. Special inks designed for non-absorbent materials should be used.

Offset (conventional and UV), flexography, screen and letterpress. Special inks designed for non-absorbent materials should be used.

Advantages Excellent gloss. Flexible and conformable material. Good strength at low temperatures. Excellent UV-stability.

Flexible and conformable material. Good strength at low temperatures. Excellent UV-stability.

Warranty: Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use.

This publication replaces all previous versions. All information is subject to change without notice.