

How to get **TopMarks** on....**FLOW WRAP & FILM**

Flow-wrapping is a popular and cost-effective way of packaging products in protective plastic films or foils consisting of clear or printed polypropylene films.

Superior to overwrapping in many ways, flow wrap is a smart choice for packaging many items - from food products such as chocolate bars to electric components and more.

To achieve Top Marks when printing variable data onto flow wrap and film, we recommend the following solutions.

THERMAL INKJET (TIJ)

Clean and maintenance-free, cartridge-based TIJ printers are typically used to reliably print clear date and batch codes, barcodes and even small graphics at high speed, onto multiple substrates used in flow wrapping, such as aluminium, BOPP, multi-layer laminate and paper.

These printers are lightweight, compact and therefore very easy to mount to the parent machine with minimum disruption or need for any bulky framework.

THERMAL TRANSFER (TTO)

TTO has almost completely replaced hot foil as the means of coding on form, fill and seal machines, though the principle of heat passing through a pigmented foil/ribbon is, very broadly, the same.

TTO printers deliver a crisp, black print at speeds capable of keeping up with the parent machine and are well suited to printing onto the smooth surface of a packaging film.

Of course, the ribbon needs changing from time to time and the printer requires a robust framework to support the weight of the printer and ensure that the printhead is correctly positioned.

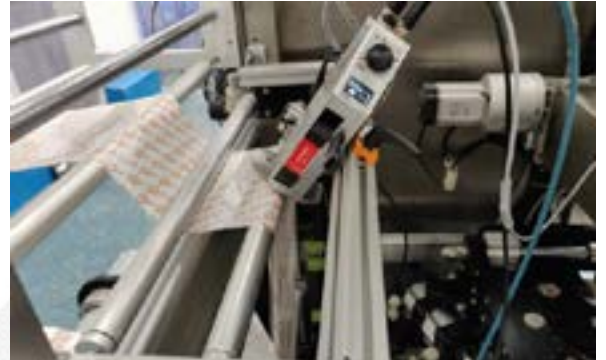
Thermal transfer printers really come into their own when a large area format needs to be printed as printheads for online use come in widths up to 6" (152.4mm) with 2" (50.8mm) being the norm.

PRINTING COMPOSTABLE FILM

Compostable, 'plastic-free' film is increasing in popularity, with many companies making the switch to boost their sustainability credentials.

Although the properties of compostable film are comparable to plastic, it is important that print trials are made prior to making the swap, as to not cause delays in production.

TIJ and TTO can successfully print both plastic and compostable film, but the ink/ribbon used may differ, depending on substrate porosity and the level of adhesion needed to create a durable print on to the material.



How to get your **TOP MARKS!**

For more information on our range of innovative coding and marking solutions

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Or to book a free demonstration, call

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