

Direct Thermal FAQ (TF160 , TF200C)

Are the DT films top coated?

Yes. The topcoat is formulated similar to the backcoat on a thermal transfer ribbon to help the substrate move smoothly over the printhead

How does it handle in converting (web handling)?

Excellent. The base film is a BOPP, which is a commonly used stock in converting.

How long does synthetic IMAGED DT live?

Generally, 5 years indoors, away from light @ room temperature
Our products are NOT designed to live outdoors, and have no UV light resistance

Can the DT material be over printed?

Yes. Flexo aqueous inks is preferred. You should test UV printing (some customers have been successful)

What sensitivity level are IIMAK's films?

We are considered medium/high, like other synthetic DT materials. Our white optimizes similarly to other competitors, while our clear is a bit higher than competitor.

How did IIMAK get involved in DT films?

IIMAK hired one of the earliest American DT pioneers with more than 35 years experience in this area. We then combined his expertise with IIMAK's unique ability to coat thin films to bring ultra-thin DT films to the marketplace.

Is curling a problem?

We can adjust the release liner thickness to minimize curling.

Are other products available?

IIMAK will work with you in developing a custom DT product to fit an application. Naturally there are items that would have to be reviewed such as product feasibility for the application, annual volumes, target pricing etc. But we are very willing to work through these issues with you.

Can I get unlaminated films?

Yes.

Can I get custom adhesives?

Yes. We would need to know the application surface and conditions, and adhesive and liner requirement

What is the minimum order on standard items (on our literature)?

Standard items are 30" (master width) x 5000' – any number of cuts, must take trim too
Short Roll minimums are 30" (master width) x 1668' – any number of cuts, must take trim too

I am not a converter. Can I buy converted labels for IIMAK?

No. Who do you buy labels from today? We can refer you to one of Acucote's converters.

Does it work in Near Edge Printers? TEC?

There is no reason why it would not work.

Can you print with various head resolutions (ie 203, 600dpi)?

Yes.

Are DT films FDA approved? Food Contact?

No they are not FDA approved. OK for indirect contact, as are our TTR printed labels

Are the standard adhesives acrylic or rubber?

Acrylic. We can provide custom adhesives too. See Acucote adhesive chart.

Is the base film for TF160 and TF200C a BOPP?

Yes. BOPP (biaxilloriented polypropylene tends to have good strength in one direction, but tears in the other direction

Is the base film print treated (corona) or untreated?

Yes, corona treated

Can our DT chemistries withstand freezing.

Yes.