



# **ITW Thermal Films - Asia**

## **PRODUCT LIST**

(April 2008)

- Product Information

- Packaging Information

- Stock List (Wax, W/R for flat, W/R for near edge and resin)

### **ITW Specialt Films Co., LTD**

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**Product information**

<u>Example</u>									
B220	40mm x 300m	A	1	O	O	A	A	1F	C
Formulation	Width x length	Grade	Core I.D.	Ink coat side	Color	Leader	Trailer	Core design	Core material

Formulations

- B220 Resin Enhanced Wax
- B121 Versatile Type Wax/Resin
- B128 Durable Type Wax/Resin
- B120 Premium resin
- B112 Mid range Near Edge (wax/resin)
- B324 Durable resin
- D321 Care label Resin

Core I.D.

- 1 : 1 inch
- H : Half inches

Ink coated side

- O : ink coated side out
- I : ink coated side in

C olor

- O : Black

Leader & Trailer

- A : AL coated PET Film
  - C : Clear Film
  - B : Blue coated Film
- \* Example  
 AC : AL coated PET Leader & Clear Trailer  
 AA : AL coated PET Leader & Trailer

Core Design

- 1F : No Notch / Flush core
- 3F : One notch on each end / Flush core
- 4F : Two notches on each end / Flush core
- 40 : Two Notches on each end / Core Length : 110mm for Eltron & Fargo
- 9F : Two notches on each end with take up core / Flush core
- 9A : Two notches on each end with take up core / Core Length : 117mm (Ribbon centered)
- 9B : Two notches on each end with take up core / Core Length : 240mm (Ribbon centered)
- 72 : One notch on left side with take up core / Core Length : 176mm (Ribbon Centered)
- 81 : Two nothches on left side with take up core / Core Length : 95mm (Ribbon centered)

Core Material

- C : Fiber (Carbon paper)
- P : Plastics

## Standard Packaging Methods (Number of Reels)

<u>Core format</u>	<u>Width</u>	<u>Length</u>	<u>Inner box (reels)</u>	<u>Outbox (reels)</u>
1F ~ 5F (No take up core)	Less than 44mm	240m ~ 360m	30	<b>120</b>
		400m ~ 450m	21	<b>84</b>
	46mm ~ 69mm	240m ~ 360m	20	<b>80</b>
		400m ~ 450m	14	<b>56</b>
	70mm ~ 92mm	240m ~ 360m	10	<b>60</b>
		400m ~ 450m	7	<b>42</b>
	94mm ~ 142mm	210m ~ 360m	10	<b>40</b>
		400m ~ 450m	7	<b>28</b>
	144mm ~ 176mm	210m ~ 360m	8	<b>32</b>
		360m	4	<b>24</b>
		400m ~ 450m	4	<b>16</b>
		600m	2	<b>12</b>
177mm ~ 330mm	210m ~ 360m	4	<b>16</b>	
	400m ~ 450m	2	<b>8</b>	
6F ~ 9F (With take up core)	Less than 44mm	240m ~ 360m	24	<b>96</b>
		600m	15	<b>60</b>
	46mm ~ 69mm	240m ~ 360m	16	<b>64</b>
		600m	10	<b>40</b>
	70mm ~ 92mm	240m ~ 360m	8	<b>48</b>
		600m	5	<b>30</b>
	94mm ~ 142mm	240m ~ 360m	8	<b>32</b>
		600m	5	<b>20</b>
	144mm ~ 176mm	300m ~ 450m	4	<b>16</b>
		600m	2	<b>12</b>
	177mm ~ 330mm	300m ~ 450m	2	<b>8</b>
		600m	1	<b>6</b>



**B220 Resin enhanced wax**

**Coated side out**

**No Notch / Flush core**

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material
40	300	A	1	O	O	AA	1F	C
50	300	A	1	O	O	AA	1F	C
60	300	A	1	O	O	AA	1F	C
70	300	A	1	O	O	AA	1F	C
80	300	A	1	O	O	AA	1F	C
90	300	A	1	O	O	AA	1F	C
100	300	A	1	O	O	AA	1F	C
130	300	A	1	O	O	AA	1F	C
140	300	A	1	O	O	AA	1F	C
150	240	A	1	O	O	AA	1F	C
160	300	A	1	O	O	AA	1F	C
220	300	A	1	O	O	AA	1F	C

**Printers**

- Atech 196/296
- Brady 203
- Bufford TTP12-4-R
- Computer Identics Printstar
- Durapinter R-100/200/300
- Facit T-400
- G.P.500/501
- GTI Nitto Denko
- Imtec 3100/3130/3500
- label-Aire 2137Z
- Lowery 4090/4130/4220
- Markem SK-4200
- Matthews 1300
- Ricoh IP4500
- Ring
- RJS
- TEC
- Swedot 196
- Weber 80/81/82/85/86
- Willett 2603
- RJS
- Swedot 196
- UBI 196
- Universal DP-1300/DP2300
- Zebra

**Notched Flush core**

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material
60	300	A	1	O	O	AA	4F	C

\* Other roll configurations are available on your demands....



**B220 Resin enhanced wax**

**Coated side out**

100	300	A	1	O	O	AA	4F	C
110	300	A	1	O	O	AA	4F	C

**Notched Flush core**

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader & Trailer	Core design	Core material
104	155	A	1	O	O	AA	4F	C

**Printers**

Intermec 3400/3600

**Notched on 176mm core with take up core**

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader & Trailer	Core design	Core material
130	300	A	1	O	O	AA	72	C

CT-60

**Notched on Flush core with take up core**

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader & Trailer	Core design	Core material
86	600	A	1	O	O	AA	9F	P

TEC SX4T & SX5T

**Notched on 228 mm core with take up core**

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader & Trailer	Core design	Core material
220	300	A	1	O	O	AA	67	C
165	300	A	1	O	O	AA	67	C

TEC SX8T

**Notched on 117 mm core with take up core**

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader & Trailer	Core design	Core material
100	300	A	1	O	O	AA	9A	C

TEC B452

\* Other roll configurations are available on your demands...

**B220 Resin enhanced wax**
**Coated side out**

114    300    A    1    O    O    AA    4F    C    : flush core

**Notched on 240 mm core with take up core**

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader & Trailer	Core design	Core material	
165	300	A	1	O	O	AA	9B	C	TEC B852

**Notched on 95 mm core with take up core**

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader & Trailer	Core design	Core material	<u>Printers</u>
60	300	A	1	O	O	AA	81	P	
70	300	A	1	O	O	AA	81	P	
75	240	A	1	O	O	AA	81	C	

**Notched on 110 mm HALF inch core**

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader & Trailer	Core design	Core material	
110	100	A	H	O	O	AA	4F	C	Eltron 2242, Ovation
64	100	A	H	O	O	AC	40	C	

\* Other roll configurations are available on your demands....

## B220 Resin enhanced wax

### Coated side in

#### No Notch / Flush core

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material	<u>Printers</u>
110	240	A	1	I	O	AA	1F	C	NOVEXX, Avery Dennison 4200/5350

#### No Notch / Flush core

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material	<u>Printers</u>
60	300	A	1	I	O	AA	1F	C	Astromed, Comstar 500
80	300	A	1	I	O	AA	1F	C	Diagraph LTP 1040, C-ITOH T4
90	300	A	1	I	O	AA	1F	C	Datamax / Fargo
110	300	A	1	I	O	AA	1F	C	Lowery, Sato
40	300	A	1	I	O	AA	1F	C	Matthews 4100/4101/8100/8200
70	300	A	1	I	O	AA	1F	C	Metro, Tharo
76	360	A	1	I	O	AA	1F	C	Jnimark U300 / U301 / U340 / U350 / U400TX
100	300	A	1	I	O	AA	1F	C	Unimark U500/U522
110	450	A	1	I	O	AA	1F	C	Weber 75/76, Willett 8400/8500

#### Notched on standard flush core

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material	<u>Printers</u>
50	300	A	1	I	O	AA	4F	C	Autolabel
60	300	A	1	I	O	AA	4F	C	Intermec 4000/4100
80	300	A	1	I	O	AA	4F	C	Labeljet 2600
100	300	A	1	I	O	AA	4F	C	
110	300	A	1	I	O	AA	4F	C	
120	300	A	1	I	O	AA	4F	C	
130	300	A	1	I	O	AA	4F	C	

\* Other roll configurations are available on your demands....

#### Notched on standard flush core

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material	<u>Printers</u>
130	300	A	1	I	O	AA	9F	C	

## B120 & B121 & B128 Wax/resin

### Coated side out

<u>No Notch / Flush core</u>								
Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core desig	Core material
40	300	A	1	O	O	AA	1F	C
50	300	A	1	O	O	AA	1F	C
60	300	A	1	O	O	AA	1F	C
70	300	A	1	O	O	AA	1F	C
80	300	A	1	O	O	AA	1F	C
90	300	A	1	O	O	AA	1F	C
100	300	A	1	O	O	AA	1F	C
110	300	A	1	O	O	AA	1F	C
160	300	A	1	O	O	AA	1F	C
165	300	A	1	O	O	AA	1F	C

<u>Notched on HALF inch Flush core</u>								
Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core desig	Core material
110	91	A	H	O	O	AA	4F	C

### Coated side in

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core desig	Core material
90	360	A	1	I	O	AA	1F	C
110	450	A	1	I	O	AA	4F	C

\* Other roll configurations are available on your demands....

## B112 Mid range for Near Edge (wax/resin)

### Coated side out

#### Notched on Flush core with take up core

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material
48	600	A	1	O	O	AA	9F	C
58	600	A	1	O	O	AA	9F	C
68	600	A	1	O	O	AA	9F	C
84	600	A	1	O	O	AA	9F	C
100	600	A	1	O	O	AA	9F	C
112	600	A	1	O	O	AA	9F	C
130	600	A	1	O	O	AA	9F	C

#### Printers

TEC SX-4T & SX-5T  
SX4T, etc

Jaguar

(for date coding on flexible packaging)

#### Notched on 228 mm core with take up core

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material
125	300	A	1	O	O	AA	67	C
176	300	A	1	O	O	AA	67	C
180	300	A	1	O	O	AA	67	C

#### Printers

TEC BX-5T  
SX5T, etc

### Coated side in

#### Date coding on flexible packaging

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material
25	600	A	1	I	O	AA	0F	C
30	600	A	1	I	O	AA	0F	C
40	600	A	1	I	O	AA	0F	C
55	600	A	1	I	O	AA	0F	C

#### Coders

Markem Smartdate 2C, 2I, 3C & 3I  
Opencode, Easyprint, Bellmark

#### Date coding on flexible packaging

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material
40	450	A	1	I	O	AN	1F	C

#### Coders

Allen

\* Other roll configurations are available on your demands....

**No notch / Flush core**



**B112 Mid range for Near Edge (wax/resin)**

**Coated side out**

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader & design	Core design	Core material	<b><u>Printer</u></b>
106	450	A	1	I	O	AA	1F	C	NOVEXX

\* Other roll configurations are available on your demands....

## B324 (Durable Resin)

### Coated side out

#### No Notch / Flush core

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material
40	300	A	1	O	O	AA	1F	C
50	300	A	1	O	O	AA	1F	C
60	300	A	1	O	O	AA	1F	C
65	150	A	1	O	O	AA	1F	P * Plastics core
80	300	A	1	O	O	AA	1F	C
90	300	A	1	O	O	AA	1F	C
100	300	A	1	O	O	AA	1F	C
110	300	A	1	O	O	AA	1F	C
130	300	A	1	O	O	AA	1F	C

#### Notched on Flush core

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material
150	300	A	1	O	O	AA	4F	C

#### Notched on 110 mm HALF inch core

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material
60	100	A	H	O	O	AA	40	C
110	100	A	H	O	O	AA	4F	C

### Coated side in

#### No Notch / Flush core

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material
60	300	A	1	I	O	AA	1F	C

\* Other roll configurations are available on your demands...



**B324 (Durable Resin)**

**Coated side out**

80	300	A	1	I	O	AA	1F	C
110	300	A	1	I	O	AA	1F	C

\* Other roll configurations are available on your demands....

**D321 (Care Label Resin)****Coated side out****Notched on Flush core**

Width (MM)	Length (meters)	Grade	Core I.D.	Ink coat side	Color	Leader &	Core design	Core material
35	300	A	1	O	O	AA	4F	C
40	300	A	1	O	O	AA	4F	C

\* Other roll configurations are available on your demands....