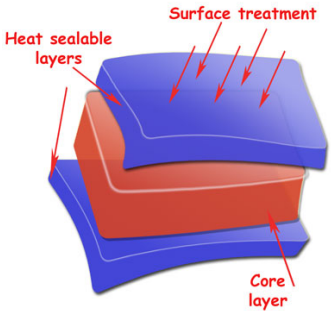
PLASTCHIM-T

YOUR RELIABLE PARTNER IN THE WORLD OF PACKAGES

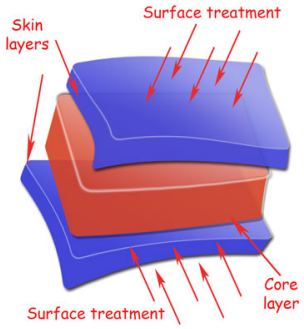
Technical Data Sheet

Typical application:

- ✓ General purpose packaging, heat sealable,
- ✓ Lamination
- ✓ High quality rotogravure and flexo printing



FXC Coextruded film, heat sealable, intended for packing of food products and goods with general use.



FXCB Coextruded film, heat sealable, intended for packing of food products and goods with general use. Both sides corona treated.

Properties	Test Methods	Deviation	Typical Values										
Thickness, μm			12	15	17	20	25	28	30	35	38	40	48
Average thickness deviation, %		± 0.5%	2	2	2	2	2	1.5	1.5	1.5	1.5	1.5	1.5
Yield, m^2/kg		± 5%	91.5	73,3	65.3	54,9	44.0	39.5	36,6	31,6	29.2	27.8	23.1
Unit weight, g/m^2		± 5%	10.9	13,7	15.3	18,2	22.8	25.3	27,3	31.7	34.2	36	43.2
Gloss (45^0)	ASTM D 2457	± 2	83	83	83	83	83	83	83	83	83	83	83
Haze , %	ASTM D 1003	± 0.2	1.8	1,8	1,8	2.0	2.0	2.4	2,4	2,4	2,6	2.6	2,8
Coefficient of Friction	ASTM D 1894	± 0.1	0.35	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0.3	0,3
Shrinkage,% (120^0C,5 min.) MD	BMS TT 0.2	± 2	4,5	4,5	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0	4,0
TD			2,5	2,5	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Elongation at break, % MD	ASTM D 882	± 30	230	210	210	210	210	210	210	210	210	210	210
TD			80	90	80	80	80	80	80	80	80	80	80
Sealing range *		-	105÷145	105÷145	105÷145	105÷145	105÷145	105÷145	105÷145	105÷145	105÷145	105÷145	105÷145
Seal strength, N/15 mm, 130 ° C, 1 bar 1 sec	BMS TT 0.1	± 0.5	2,2	2,2	2,5	2,5	2,5	2,5	2,8	2,8	2,8	2,8	2,8
OTR (cc/m²/day)		± 10%				220			125			100	
WVTR (gr/m²/day)		± 10%				7			4			3	
Tensile strength, MPa MD	ASTM D 882	± 15	130	130	130	140	140	140	140	150	150	150	150
TD			230	230	230	240	240	240	240	250	250	250	250
Surface treatment, dynes/cm	ASTM D 2578a	-	Min. 38	Min. 38	Min. 38	Min. 38	Min. 38	Min. 38	Min. 38.	Min. 38	Min. 38	Min. 38	Min. 38

* - this sealing range starts with SIT (sealing initiation temperature).

The specified values are based on average results, measured by the manufacturer during the standard production. They should not be considered as Data Sheet of any particular product.
The user of our film should be satisfied as to the suitability of our product for the intended application and the present regulatory regime. Therefore we disclaim any liability for damages arising from the non-suitability of our product for the effected application.

Packing			
	Core diameter	Outer diameter *	Note
Vertical	152 mm (6‘) 76 mm (3’)	≤ 550 mm	≤ 700 mm – two or more rows > 700 mm – one row
Horizontal	152 mm (6‘) 76 mm (3’)	≤ 770 mm	

- In case of no other requirement

Tolerances	
Weight tolerance, depending on the order volume	Width tolerance
≤ 1 000 kg ± 20 % 1001÷10 000 ± 10 % > 10 000 ± 5 %	± 2 mm

Storage and transport terms and conditions:
Palletizing of goods is done according to customer requirements
The storage / transport are carried out in dry, covered and clean warehouses / means of transport.
The film should be stored away from heat sources, without direct sunlight or UV radiation.
The recommended temperature for storage / transport is 10 - 30◦C. If the temperature is not in these limits you can observe problems as bellow:
- Decrease of dyne level
- Higher haze of the film
- Poor adhesion of the film surface that can be a problem for laminating and printing
- Extremely low COF, that can create problems for next processing

Excessive humidity can be a reason for film blocking.
It is recommended that BOPP film should *be* allowed *to* reach operating room temperature for 24 hours before use.
It is advisable that the metalized films should be laminated because the metalized layer is not resistant to scratches. Before printing on metalized films, it is strongly recommended to apply a primer.
Adherence to the above mentioned storage conditions ensures that the film is suitable to be used up to 4 months after the date of production form metalized film and 6 months for another types.
Claims connected with the transport can be accepted not more than 1 week after delivery date. They have to be recorded in the CMR as well.
If there are hidden defects, Plastchim-T AD can refund the converting cost for not more than 3 rolls from a certain order