

Material code	DFP 0002 F1
Basic materials	PE-PA composition
Structure / Description	Non-symmetrical co-extruded Medium barrier film, transparent, one-side heat sealable, lock-seal to PE
Application	<ul style="list-style-type: none"> o Top seal for MAP (Modified Atmosphere Packaging) o Top seal for vacuum applications o Approved for direct contact with food o Lock seal to PE o Also available with Anti-fog properties.

Mechanical Properties		Test Method	Unit	Typical value		
Thickness, ± 10%		ISO EN 4593	µm	80	90	100
Unit weight, ± 6%		ISO EN 4591	g/m ²	78,9	86,6	97
Tensile strength at Break, not less than	MD	ISO EN 527-3	MPa	25	25	20
	TD			20		
Elongation at Break, not less than	MD	ISO EN 527-3	%	380	390	390
	TD			400		
Tear resistance, not less than	MD	LVS EN ISO 6383-1	N	15	15	15
	TD			17	18	20
Puncture resistance, not less than	Force	LVS EN 14477	N	2,5	3	3
	Elongation		mm	2,5	2,5	2,5
Dart Drop Test, not less than		ISO 7765-1	g	1000	1000	1200
Coefficient of friction	Front-to-front	ISO EN 8295	0,20 - 0,32			
	Back-to-back		0,15 - 0,30			
WVTR (38°C; 90 % RH)		ASTM E-96-00	g/m ² .day	<10		
OTR (20°C; 65 % RH)		ASTM F1927-98	cc/m ² .day.atm	<50		
Recommended sealing temperature			°C	130 - 180		

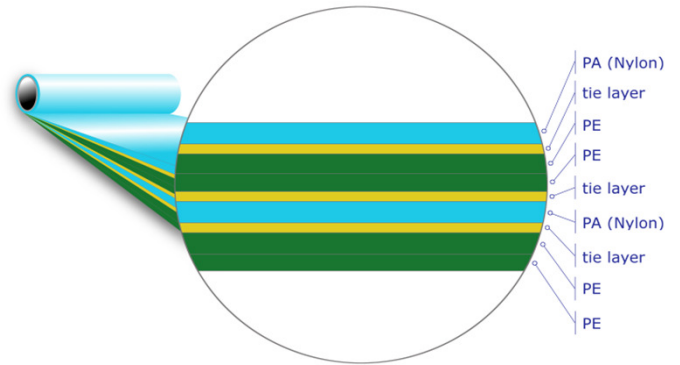
MD – machine direction; TD – transverse direction

Processing and storage conditions of products

Storage temperature from + 15 to + 25° C.
 Storage conditions: keep away from getting wet and direct sun light (UV) exposure, away from close (min 1m) proximity of heat sources. Should be stored at clean, dry and ventilated area.
 In case the products are transported or stored at temperature below +150C, the product must be withstood at least 24 hours at temperature above +20°C before use, in case - below + 5°C- at least 48 hours at temperature above +20°C before use.
 If stored properly, the shelf life of the packaging material is up to 12 months from the date of manufacture.

Layers / composition

Structure: PA-tie-PE-PE-tie-PA-tie-PE-PE
Layers: 9



All components used for film manufacturing comply with the Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food and Council directive of 20 December 1994 EC Waste Directive 94/62/EC (and its amendments) with regard to the total content of the heavy metals.

The general information given in the data sheet is according to our experience and best knowledge, and is to be considered as a guideline, but not as a product specification.
 No warranty or guarantee of a customer’s final product performance is given by the document. It is the customer’s responsibility to carry out their own tests on the product suitability to their specific conditions and actual use.
 Please contact our Sales dept. for tolerance values or general advice.

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