








Flexible Packaging Solutions



- Less material is used to create flexible packaging, creating less waste and therefore, is more environmentally friendly
- Less water and energy is utilized in the creation of flexible packaging resulting in products weighing less, reducing transportation costs, and energy waste
- Helps ensure food safety
- Prolongs shelf life
- Easily print on materials that can be heated, frozen, resealed, etc.
- GetLabels is an excellent resource for blank flexible packaging materials for most major brands. AstroNova's engineering team has tested and qualified these materials to be perfectly suited for use in AstroNova's TrojanLabel Presses such as the T2-C, T2-L, and T4



Grade		5402	5403	5404	5405	5443	5444	5445	5553
Film Structure (from outer to sealing layer)		AQPET-w/P0-t	AQPET-w/P0-t	AQPET-wm/ P0-t	AQ-PETmet-w/ OPP-Bar	AQPET-w/AL/ P0-t	AQPET-w/AL/ P0-t	AQ-OPP-w / OPP-Bar/P0-t	AQOPP-w
Grammage (total in µm)		65	66	66	62	110	74	116	68
Colouring	outside	white	white	white	white	white	white	white	white
	inside	white	white	metallised	metallised	metallised	metallised	white	white
Barrier Properties	WTR DIN 53122 [23 °C/85 % r.H.]	18	18	6,6	1,1	< 0,1	< 0,1	0,82	3
	OTR DIN 53380-3 [23 °C/dry]	70	7β		0,1	< 0,1	< 0,1	0,09	13
Recyclability		 OTHER	 OTHER	 OTHER	 OTHER	 OTHER	 OTHER	 PP	 PP
Flex Crack Resistance	Sihl testing method	✓	✓	✓	✓	✓	✓	✓ ✓	✓ ✓
AQ-Inkjet Printability	dye & pigmented ink	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓
Sealability	heat & ultrasonic	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓
Packing Machinability	VFFS		●	●	●	●	●	●	●
	HFFS	●		●	●		●	●	●
End-user Markets	Cereals	●	●	●					●
	Chocolate	●	●	●	●				●
	Confectionary	●	●	●	●				●
	Nuts		●	●	●				●
	Coffee					●	●	●	
	Tea	●	●		●		●	●	●
	Herbs & Spices				●		●	●	
	Petfood dry			●	●	●	●	●	
	Detergents		●	●	●				
	Cosmetics				●	●	●	●	
Nomenclature	good ✓ superb ✓ ✓								
Direct Food Compliance	All Sihl ARTYSIO packaging grades are made for direct food contact. However, please ask for a compliance declaration for your specific application.								



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