

Grade		5403	5404	5405	5443	5444	5553
Film Structure (from outer to sealing layer)		AQPET-w/P0-t	AQPET-wm/P0-t	AQ-PETmet-w/ OPP-Bar	AQPET-w/AL/P0-t	AQPET-w/AL/P0-t	AQOPP-w
Grammage (total in µm)		66	66	62	110	74	68
Colouring	outside	white	white	white	white	white	white
	inside	white	metallised	metallised	metallised	metallised	white
Barrier Properties	WTR DIN 53122 [23 °C/85 % r.H.]	18	6,6	1,1	< 0,1	< 0,1	3
	OTR DIN 53380-3 [23 °C/dry]	70	15,7	0,1	< 0,1	< 0,1	13
Recyclability							
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.						
Note	A protective varnishing or laminate for cover the printed surface is recommended. All end-use recommendations are first indications and have to be qualified within your specific application.						