



ARTYSIO PACKAGING

Product Portfolio

| 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 | 70 | 15,7 | 0,1 | < 0,1 | < 0,1 | 0,09 | 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. | | | | | | | | |