

TECHNICAL INFORMATION

Polyart® Synthetic Paper – Clay Coated

Polyart® is a good choice when your job calls for process printing in tight registration. In the thinner gauges, Polyart is available with a permanent or removable psa and will outlast nearly all OPP-based label stocks when used outdoors. The mid-range grades are popular among sheet-fed printers for maps, charts and catalogs because of it's excellent machine foldability and flex endurance. Thicker grades, up to 13.5 mils thick, are also available.

Polyart® Synthetic Paper has improved printability over uncoated (UCT) synthetic papers due to the absorptive nature of the coating. The clay surface allows inks to dry faster, by absorption as well as oxidation, reducing the chance of offsetting and permitting faster press speeds. Ink holdout and color reproduction is excellent and thermal transfer printing with wax or wax/resin ribbons is improved. The clay coating also serves to increase opacity and provides an attractive, smooth matte-white finish.

Refer to additional Pressure Sensitive Adhesive (PSA) Technical Data Sheets where applicable.

PRODUCT NUMBER – UPA 5522 5.5 mil C2S Polyart®

TYPICAL PROPERTIES	UNITS	VALUE	TEST METHOD
Nominal Gauge - Average	Mils	5.5	ASTM D-645-92
Yield	Sq.In./Lb. Lbs./MMSI	2,129 470	Approximate
Basis Weight - 25" x 38" x 500	Lbs./Ream	223	Approximate
Tensile Strength At Break - MD/TD Average	PSI	5,650	ASTM D-638-95
Elongation At Break – MD/TD Average	%	125	ASTM D-638-95
Tear Strength – MD/TD Average	Lbs./in.	528	ASTM D-1004-66
Whiteness	%	90	ISO 2470
Gloss	%	12	ASTM D-523-89
Stiffness (Gurley)	Mg	125	TAPPI-T-543
Service Temperature Range	⁰ F.	-70 to +200	
Surface Treatment	Clay Coating		
Primary Print Surface	Rolls: PPS "Wound-In" Sheets: PPS "Face-Up"		
FDA Status	Title 21,CFR177.1520 Compliant For Direct Food Contact		

The information contained herein is to the best of our knowledge true and accurate. Nothing contained herein is to be construed as a recommendation to use any product in conflict with any patent. Purchaser should confirm product compatibility prior to use since CONVERT-ALL, INC. MAKES NO WARRANTIES AS TO THE FITNESS OR MERCHANTABILITY OF ANY PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations, and disclaims all liability for resulting loss or damage. Polyart® is a registered trademark of Arjobex.