

## TECHNICAL INFORMATION

### Polyart® Synthetic Paper - Clay Coated 1 Side

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 3020 3.0 mil C1S Polyart®

TYPICAL PROPERTIES	UNITS	VALUE	TEST METHOD
Nominal Gauge - Average	Mils	3.0	ASTM D-654-92
Yield	Sq.In./Lb. Lbs./MMSI	12,504 80	Approximate
Basis Weight - 25"x 38"x 500	Lbs./Ream	38	Approximate
Tensile Strength At Break - MD/TD Average	PSI	5,655	ASTM D-638-95
Elongation At Break - Minimum	%	120	ASTM D-638-95
Tear Strength – MD/TD Average	Lbs./in.	547	ASTM D-1004-66
Whiteness	%	90	ISO 2470
Gloss	%	12	ASTM D-523-89
Stiffness (Gurley)	Mg	58	TAPPI-T-543
Service Temperature Range	°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		

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