

# COMPLETE GUIDE TO SYNTHETIC PAPERS

Feature	Synaps	Blanks/USA & Yupo	Teslin	Polyart
Base	Polyester PET coated	Polypropylene film	Polyolefin microporous	HDPE + clay coat
Print / Ink	Coatings for toner/offset/inkjet	Needs correct ink pairing, rejects water	Microporous, bonds inks/laminates strongly	Vivid colors, good adhesion (offset/flexo); coating sensitive to wrong inks
Durability	Waterproof, tear/fade/weather resistant	Waterproof, good tear/weather resistance	Waterproof, tear/chemical resistant	Waterproof, chemical/grease resistant; coating prone to scuffing
Stability	Excellent, flat, no curl	Good	Good, slight expansion possible	Stable, biaxially oriented; coating may swell in humidity
Finishing	Withstands folding, scoring, varnish; no cracking; no lamination needed	Allows lifting/wiping for art	Strong lamination, tamper evident	Die-cut/perforate; folds may crack clay coat
Writable	Pen, marker, pencil; matte writable	Pencil, marker (limited)	Pen, pencil, marker; great laminated	Pen/marker (grade dependent)
Uses	Commercial printing, signage, manuals, ID cards, outdoor prints	Art, watercolor, inks	ID cards, labels, rugged docs	Labels, maps, tags, packaging