

## TECHNICAL INFORMATION

### Teslin® Synthetic Paper

Teslin® Synthetic Paper is an uncoated, mono-layer, silica-filled polyolefin sheet. It is opaque white with an attractive matte finish similar to other high quality printing papers and has a conventional paper "hand" with good layflat characteristics. Soft to the touch, Teslin® is durable, waterproof and resistant to most household type chemicals.

Teslin® Synthetic Paper contains approximately 50% silica by weight and about 60% air by volume. The microporous nature of Teslin® allows inks, toners, coatings and laminating film adhesives to penetrate into the product, providing outstanding anchorage and bond strength. There are grades of Teslin® Synthetic Paper for all popular printing processes, including desktop laser and inkjet, offset, litho, flexo, thermal transfer, screen and digital.

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

### PRODUCT NUMBER – VSP100 10.0 mil Teslin® SP

TYPICAL PROPERTIES	UNITS	VALUE	TEST METHOD
Nominal Gauge - Average	Mils	10.0	Continuous Gauging
Yield	Sq.In./Lb. Lbs./MMSI	4,400 227.27	ASTM D-3776
Basis Weight - 25" x 38" x 500	Lbs./Ream	107.95	
Tensile Strength – MD/CD	Lbs./In.	18 / 7.7	ASTM D-882
Elmendorf Tear – MD/CD	Grams	200 / tore to MD	ASTM D-1992
Optical Properties			
Brightness	%	91.0	ISO-2470
Whiteness	%	80.0	ASTM E-313
Opacity	%	96.0	ISO-2471
Transmission	%	8.0	ASTM D-1003
Sheffield Smoothness	Top Bottom	30 55	ASTM T-538
Primary Print Surface (PPS)	Rolls: PPS "Wound-In"	Sheets: PPS "Face-Up"	

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. Teslin® is a registered trademark of PPG Industries, Inc.