

TESLIN SYNTHETIC PAPER

DESCRIPTION:

Teslin is a synthetic, opaque white, micro-porous printing media which acts more like paper than the other plastics. It is available in sheets and rolls up to 57" wide. Teslin is available in the *SP* series which is the regular type, *SPID* series which is specially formulated and coated for use in laser copiers and printers, *HD* series which is of higher density and *Digital* which is specifically designed for the Indigo Printers. Teslin is stocked in SP-700, SP-800, SP-1000, SP-1400, 1000SPID and HD- 1400. Other types are available to special order.

CHARACTERISTICS:

- Easily printed by flexography, lithography, screen and thermal transfer systems.
- Can be folded, die cut, heat sealed, grommeted, glued and sewn.
- Excellent chemical, abrasion and temperature resistance.
- Micro-porous structure transmits vapors but not liquids.
- Can be impregnated with fragrances for specialty applications.
- Excellent substrate for laminating core.

TECHNICAL DATA:

PROPERTY	UNIT OF MEASURE	SP-700	SP-800	SP-1000	SP-1400	HD -1400	TEST METHOD
Thickness	mils	7	8	10	14	14	D374
Thickness Tolerance	+/- mils	0.7	0.7	0.7	0.9	1.0	D374
Yield	in ² /lb	6566	5760	4640	3190	2550	D3776
Base Weight – 500 sheets 25"x38"	-	72	82	102	149	186	-
Tensile Strength	MD	10.5	11.8	12	15.3	19.6	D882
	TD						
Elmendorf Temperature	MD	75	90	92	132	210	D1922
	TD						
Brittleness Temperature	°C	> -70	> -70	> -70	> -70	> -70	D746
Sheffield Smoothness	Top	32	38	42	45	71	T538
	Bottom						

All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own test. Transcendia shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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