Teslin® SY-SP

TESLIN® substrate is a durable, safe, and printable synthetic paper, excellent for laminated printing projects and other applications that demand tough, high-performance material.

A single-layer, polyolefin-based material, Teslin substrate is in a category of its own among synthetic papers and plastics suitable for printing as it is designed with a microporous matrix that allows for absorption and creation of strong crosslink bonds with inks, adhesives, coatings and laminated films. Microporosity allows the Teslin substrate to be lightweight and ventilate, while allowing for the combination of insulation, cushioning and other unique performance benefits.

Printing
Offset
Flexography
Transfer
Thermal
Silkscreen
Rotogravure
Laser Inkjet

Supply
Jumbo reel, rolls cut to size, and sheets with and without adhesive.

Applications
Printing on laminated materials
Tags and labels
Laminated Cards and Key Tags
Security Credentials and Identity Cards
Electronic passport

Maximum temperature of use:
70 to 200 degrees

Contact
phone [+ 55 11] 4161 8800
email vendas.syp@beontag.com

www.syntpaper.com.br

Benefits

Exclusively microporous: Microporosity differentiates Teslin substrate from other synthetic materials, enabling their integrated performance capabilities

Enhanced Durability: Resistant to water, chemicals, abrasion, tears and extreme temperatures for exceptional durability

Very suitable for printing: Printing as easy as on paper and, unlike other synthetic substrates, does not require special inks

Very suitable for bonding/lamination: Absorbs inks, toners, laminates, adhesives and other substrates to form virtually indestructible mechanical bonds

Inherently secure: Material is counterfeit resistant, secures laminates, inks and toners to protect print information and provide evidence-based counterfeit protection

Details of applications

Printing on laminated materials: waterproof maps, heavy-duty manuals, race identification, temporary license plates, wristbands, menus, luggage tags, ultra-duration point-of-sale (POP) advertising

Laminated cards and key tags: Smart, Loyalty, Insurance/Health Insurance, Library, Student ID, Financial, Membership Cards

Tags and labels: Self-adhesive/pressure-sensitive, molded, evidencing labels of counterfeits, supply chain and packaging security labels, cylinder, pallet and shipping labels, identification, safety and warning labels, food and beverage, blood bag, medical and pharmaceutical packaging labels, clean room labels, nursery and horticulture labels, unsightly labels

Security Credentials and Identity Cards: National ID Cards, Electronic Passport Programs, National Driver's License Programs, Other Federal Government Security Credentials, Voters' Cards, Birth Certificates, Visas, CPF

Electronic Passport: Security Class, SP, TS, Digital, Blue

Teslin® SY-SP

Teslin®			
Properties		**SY-SP 700**	**SY-SP 1000**
Weight	g/m^2	115	167
Thickness	microns	178	254
Opacity	%	92	96
MD Traction	N/in	89	91
XD Traction	N/in	0.63	0.68
MD Stretch	%	25.2	34.3
XD Stretch	%	10.3	15.1
Emeldorf MD	N	93	141
Emeldorf XD	N	93	141

Important: The above information is derived from quality testing for reference only. The buyer must verify if the product is suitable for its intended use before starting the manufacturing or conversion process.

Expiration Date of the Product: 2 years after the invoice date.

SYNTPAPER
SYP
Powered by Beontag