



# Non-Adhesive Synthetics Collection

poly g / GPA Synthetic / Polyester / Paper Tyger / Viastone Ultra Green / Teslin  
Tyvek / Folex / Styrene / Rigid Vinyl / Polypropylene Dead Opaque / GOEX Plastics

# poly g



**Tough**

**Durable**

Scuff-free / Anti-static / Waterproof / Tear-resistant / Alcohol and Stain Resistance

## High Performance Polyester Substrates for Digital Presses



Poly G sets a higher standard for quality, consistency, and performance in a polyester paper. With a contender in every class, you have the advantage to trade up or trade down for optimal print results. Choose from **100% Polyester** for premium results, **Blended Polyester** for balanced cost and performance, or **Paper Polyester** for the most cost-effective, durable results. *Gain a competitive advantage with Poly G in your corner.*

### Specifications

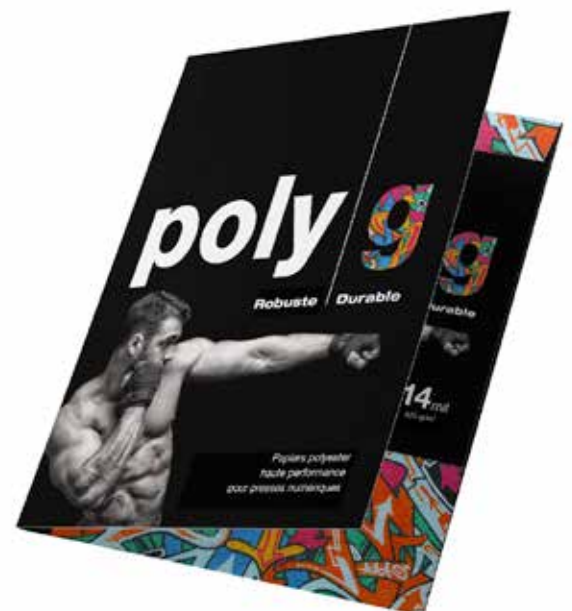
- ▶ Scuff-free
- ▶ Anti-static
- ▶ Waterproof
- ▶ Tear-resistant
- ▶ Alcohol-resistant
- ▶ Stain-resistant

### Press

- ▶ HP Indigo
- ▶ Xerox iGen and Iridesse
- ▶ Digital

### Finishing

- ▶ Die-punchable



## Applications

- ▶ Menus, Tent Cards
- ▶ POP Displays
- ▶ Shelf Talkers, Aisle Violators
- ▶ Indoor/Outdoor Signage
- ▶ Hang Tags, Door Hangers
- ▶ Manuals, Booklets, Guides
- ▶ Book Covers
- ▶ ID Cards, Certificates
- ▶ Plant Tags



## Available Weights & Sizes

# 100% Polyester

| Weight | GSM | Size    | Indigo | Toner | Pack | / | Carton |
|--------|-----|---------|--------|-------|------|---|--------|
| 5mil   | 190 | 12 x 18 | ✓      | ✓     | 50   | / | 500    |
|        |     | 13 x 19 | ✓      | ✓     | 50   | / | 500    |
| 8mil   | 200 | 12 x 18 | ✓      | ✓     | 50   | / | 500    |
|        |     | 13 x 19 | ✓      | ✓     | 50   | / | 500    |
| 10mil  | 250 | 12 x 18 | ✓      | ✓     | 50   | / | 500    |
|        |     | 13 x 19 | ✓      | ✓     | 50   | / | 500    |
| 11mil  | 330 | 12 x 18 | ✓      | ✓     | 50   | / | 500    |
|        |     | 13 x 19 | ✓      | ✓     | 50   | / | 500    |
| 14mil  | 420 | 12 x 18 | ✓      | ✓     | 25   | / | 250    |
|        |     | 13 x 19 | ✓      | ✓     | 25   | / | 250    |

# Blended Polyester

| Weight | GSM | Size    | Indigo | Toner | Pack | / | Carton |
|--------|-----|---------|--------|-------|------|---|--------|
| 8mil   | 200 | 12 x 18 | ✓      | ✓     | --   | / | 500    |
|        |     | 13 x 19 | ✓      | ✓     | --   | / | 500    |
| 10mil  | 255 | 12 x 18 | ✓      | ✓     | --   | / | 500    |
|        |     | 13 x 19 | ✓      | ✓     | --   | / | 500    |
| 11mil  | 335 | 12 x 18 | ✓      | ✓     | --   | / | 500    |
|        |     | 13 x 19 | ✓      | ✓     | --   | / | 500    |

# Paper Polyester

A blend of Paper and Polyester that has a high tear-resistance

| Weight | GSM | Size    | Indigo | Toner | Pack | / | Carton |
|--------|-----|---------|--------|-------|------|---|--------|
| 5mil   | 125 | 12 x 18 | ✓      | ✓     | 50   | / | 500    |
| 8mil   | 200 | 12 x 18 | ✓      | ✓     | 50   | / | 500    |





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# GPA Synthetic

Waterproof / Tear-Resistant

## A tear resistant, waterproof paper with high tensile strength



GPA Synthetic is a petroleum-based paper that offers added strength and durability over standard paper products. GPA Synthetic is engineered for high performance on HP Indigo and dry toner presses, and can accept a wide range of finishing processes. Available in a wide range of weights from 6mil to 20mil, GPA Synthetic is perfect for menus, manuals and booklets, maps, shelf talkers, POP displays, and promotional tags.

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### Specifications

- ▶ Waterproof
- ▶ Tear-resistant

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### Press

- ▶ Digital



## Finishing

- ▶ Die-punchable

## Applications

- ▶ Menus
- ▶ Manuals
- ▶ Booklets
- ▶ Maps
- ▶ Shelf Talkers
- ▶ POP Displays
- ▶ Promotional Tags



## Weights & Sizes

# Digital

| Weight | GSM | SKU        | Size        | Indigo | Toner | Pkg | / | Ctn |
|--------|-----|------------|-------------|--------|-------|-----|---|-----|
| 6mil   | 180 | NFU6US2    | 12 x 18     | ✓      | ✓     | 100 | / | 500 |
|        |     | NFDP6US2   | 13 x 19     | ✓      | ✓     | 100 | / | 500 |
| 8mil   | 235 | NFU8US2    | 12 x 18     | ✓      | ✓     | 100 | / | 400 |
|        |     | NFDP8US2   | 13 x 19     | ✓      | ✓     | 100 | / | 400 |
| 10mil  | 295 | NFU10US2   | 12 x 18     | ✓      | ✓     | 100 | / | 400 |
|        |     | NFDP10US2  | 13 x 19     | ✓      | ✓     | 100 | / | 400 |
|        |     | NFUM10US2  | 20.5 x 29.5 | ✓      |       | 100 | / | 300 |
| 12mil  | 350 | NFU12US2   | 12 x 18     | ✓      | ✓     | 100 | / | 400 |
|        |     | NFDP12US2  | 13 x 19     | ✓      | ✓     | 100 | / | 400 |
|        |     | NFUM12US2  | 20.5 x 29.5 | ✓      |       | 100 | / | 300 |
| 14mil  | 405 | NFU14US2   | 12 x 18     | ✓      | ✓     | 100 | / | 400 |
|        |     | NFDP14US2  | 13 x 19     | ✓      | ✓     | 100 | / | 400 |
|        |     | NFUM14US2  | 20.5 x 29.5 | ✓      |       | 100 | / | 300 |
| 16mil  | 470 | ZXKE16USWP | 12 x 18     |        | ✓     | 100 | / | 400 |
| 20mil  | 578 | NFDP20US2  | 13 x 19     | ✓      |       | 100 | / | 200 |

✓ Test First





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# Polyester

Clear Tipped

## The most tested and most trusted polyester



This durable substrate offers an extremely tough, bright white surface for unparalleled image vibrance and toner anchorage. Engineered to withstand the high heat of toner digital presses, its anti-static chemistry provides industry best runnability and imaging, as well as excellent alcohol- and stain-resistance.

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### Specifications

- ▶ Highly durable
- ▶ High-heat resistance
- ▶ Bright white
- ▶ Anti-static
- ▶ Alcohol-resistant
- ▶ Stain-resistant

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### Press

- ▶ Digital



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### Applications

- ▶ Signage
- ▶ Brochures
- ▶ Labels & Tags

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### Available Weights & Sizes

# Digital

Paper tipped on 12" edge with solid glue line

| Weight | GSM | M-wt | SKU        | Size    | Indigo | Toner | Pkg | / | Ctn |
|--------|-----|------|------------|---------|--------|-------|-----|---|-----|
| 3mil   | 130 | 60   | ZSTGV3CTC  | 18 x 12 | ✓      |       | 100 | / | 500 |
| 4mil   | 190 | 69   | ZSTGV4CTC  | 12 x 18 | ✓      | ✓     | 100 | / | 500 |
| 8mil   | 256 | 100  | ZXK8USCTCB | 18 x 12 |        | ✓     | 100 | / | 300 |



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# Teslin

Adhesive / Non-Adhesive / Waterproof / Tear-Resistant

## A high-performance synthetic paper for durable applications



TESLIN® is a durable, secure and highly printable synthetic paper that excels for laminated print projects and other applications demanding a tough, high-performance material. As a single-layer, polyolefin-based material, Teslin substrate is in a category of its own among synthetic papers and printable plastics because it is engineered with a microporous matrix that allows it to absorb and create strong interlocking bonds with inks, adhesives, coatings and laminating films.

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### Specifications

- ▶ Tear resistant
- ▶ Waterproof

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### Press

- ▶ Digital





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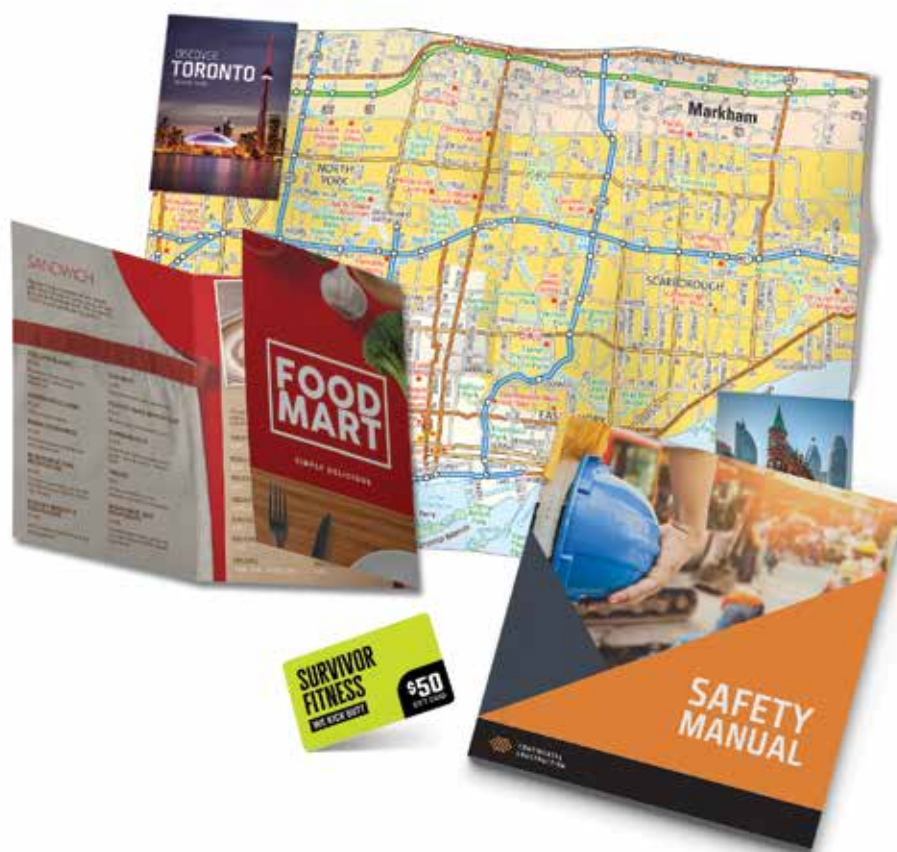
## Finishing

- ▶ Folded
- ▶ Die-cut
- ▶ Punched
- ▶ Embossed
- ▶ Foil stamped
- ▶ Stapled
- ▶ Riveted

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## Applications

- ▶ Maps and guides
- ▶ Technical manuals
- ▶ Durable brochures
- ▶ Menus
- ▶ Book covers
- ▶ ID & gift cards



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## Available Weights & Sizes

# Digital

## Adhesive - Permanent

| Weight |       |      |              | GSM | SKU       | Size    | Indigo | Toner | Pkg | / | Ctn |
|--------|-------|------|--------------|-----|-----------|---------|--------|-------|-----|---|-----|
| 7mil   | white | perm | 80# Kraft SB | 285 | ZSWG700TP | 12 x 18 | ✓      | ✓     | 100 | / | 400 |

## Non-Adhesive

| Weight |  | GSM | SKU      | Size    | Indigo | Toner | Pkg | / | Ctn |
|--------|--|-----|----------|---------|--------|-------|-----|---|-----|
| 8mil   |  | 135 | NFP800T  | 12 x 18 | ✓      | ✓     | 100 | / | 500 |
| 10mil  |  | 170 | NFP1000T | 12 x 18 | ✓      | ✓     | 100 | / | 400 |
|        |  |     | NFP10TST | 13 x 19 | ✓      | ✓     | 100 | / | 500 |



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# Tyvek

Durable / Waterproof

## Feels like paper, but it's not paper. Feels like fabric, but it's not fabric.

Tyvek® is a popular printing substrate due to its light weight, smooth surface, high dimensional stability, opacity, toughness and durability. Tyvek® has introduced new dimensions of protection, security and safety in a wide variety of categories, including building envelopes, industrial protective apparel, and medical packaging.



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### Certifications

- ▶ HP Indigo Certified

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### Press

- ▶ Digital

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### Specifications

- ▶ Durable
- ▶ Water-resistant
- ▶ Lightweight
- ▶ Tear-resistant
- ▶ Recyclable



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## Finishing

- ▶ Coated
- ▶ Embossed
- ▶ Folded (dead foldable)
- ▶ Glued
- ▶ Hot foil stamped
- ▶ Laminated
- ▶ Perforated & punched
- ▶ Stitched
- ▶ Welded and heat sealed

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## Applications

- ▶ Tags and labels
- ▶ Wrist bands
- ▶ Maps and guides
- ▶ Envelopes
- ▶ Signage



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## Available Weights & Sizes

# Digital

| Weight | GSM | M-wt | SKU       | Size        | Indigo | Toner | Pkg | / | Ctn   |
|--------|-----|------|-----------|-------------|--------|-------|-----|---|-------|
| 18#    | 65  | 20   | NFR18TYV  | 12 x 18     | ✓      | ✓     | 100 | / | 1,000 |
|        |     | 60   | NFRM18TYV | 20.5 x 29.5 | ✓      |       | 100 | / | 500   |





# Folex<sup>®</sup>

White / Clear / Metallic

## Folex<sup>®</sup> Synthetics offer unrivaled durability and dimensional stability



These PVC-free polyester sheets are tougher and more tear-resistant than thicker PVC alternatives; even in thinner gauges, these polyester sheets provide more strength and stability. These specialty synthetics also offer unique features: the glossy silver sheets provide a mirror-like finish, and the transparent sheets provide extreme clarity without distortion.

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### Specifications

- ▶ Superb ink adhesion
- ▶ Excellent dimensional stability
- ▶ Tear resistant
- ▶ No limited shelf life
- ▶ Splash resistant

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### Press

- ▶ HP Indigo



## Finishing

- ▶ Die-cutting
- ▶ Coating
- ▶ Foil Stamping
- ▶ Folding

## Applications

- ▶ POP
- ▶ Signage
- ▶ Labels & Tags
- ▶ Maps
- ▶ Menus
- ▶ Tags & Labels
- ▶ Packaging



## Available Weights & Sizes

# Digital

## Adhesive

Metallic, Clear, & White Gloss — Permanent

| Weight |                          |       | GSM | SKU                | Size    | Indigo | Toner | Pkg | / | Ctn |
|--------|--------------------------|-------|-----|--------------------|---------|--------|-------|-----|---|-----|
| 3mil   | clear transparency       | -0-SB | 226 | ZSTGVP25CPP        | 13 x 19 | ✓      |       | 100 | / | 500 |
| 3mil   | white gloss transparency | -0-SB | 226 | ZSTGVP25GWPP       | 13 x 19 | ✓      |       | 100 | / | 500 |
| 3mil   | patinum metallic         | -0-SB | 193 | ZSTGVPPLATINUMPOLY | 13 x 19 | ✓      |       | 100 | / | 500 |
| 3mil   | gold metallic            | -0-SB | 193 | ZSTGVMATTEGOLDPOLY | 13 x 19 | ✓      |       | 100 | / | 500 |
| 2mil   | silver metallic          | -0-SB | 193 | ZSTGVP2BSPP        | 13 x 19 | ✓      |       | 100 | / | 500 |

## Non-Adhesive

White & Clear

| Weight |                       |        | GSM | M-wt | SKU       | Size        | Indigo | Toner | Pkg | / | Ctn |
|--------|-----------------------|--------|-----|------|-----------|-------------|--------|-------|-----|---|-----|
| 3mil   | clear gloss polyester | tipped | 140 | 55   | NFDP3CTF  | 19 x 13     | ✓      |       | 100 | / | 500 |
| 4mil   | clear gloss polyester | tipped | 202 | 71   | NFDP4CTF  | 19 x 13     | ✓      |       | 100 | / | 500 |
|        |                       |        |     | 174  | NFUM4CTF  | 20.8 x 29.5 | ✓      |       | 100 | / | 200 |
| 7mil   | clear gloss polyester | tipped | 315 | 112  | NFDP7CTF  | 19 x 13     | ✓      |       | 100 | / | 400 |
| 4mil   | clear matte polyester | tipped | 168 | 59   | NFDP4FCTF | 19 x 13     | ✓      |       | 100 | / | 500 |
| 4mil   | silver metallic film  | tipped | 202 | 71   | NFDP4SPTF | 19 x 13     | ✓      |       | 100 | / | 500 |
| 10mil  | white gloss polyester |        | 383 | 135  | NFDP10GWP | 13 x 19     | ✓      |       | 100 | / | 300 |

The logo for 'huge' is a bright pink circle containing the word 'huge' in a white, lowercase, sans-serif font.

# Styrene

Durable film / Contains up to 10% rubber compound

## A lightweight, low-cost, flexible, durable film



Styrene is a durable film that offers added stability and resilience over papers, while serving as a less expensive alternative to other hardworking films. Styrene is often the preferred material for low strength structural applications. It does not curl or warp from moisture or humidity, and can be die-cut and easily thermoformed.

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### Specifications

- ▶ Wide opacity Range
- ▶ Waterproof
- ▶ FDA allowed for food contact
- ▶ Indoor & outdoor usage

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### Press

- ▶ Digital
- ▶ Litho/Offset





## Finishing

- ▶ Die-cut
- ▶ Punched
- ▶ Foil stamped

## Applications

- ▶ Backlit signage
- ▶ Aisle violators
- ▶ Hanging 2-sided signs
- ▶ Temporary ID cards
- ▶ Retail end-cap graphics
- ▶ Hang tags



## Available Weights & Sizes

# Digital

## Opaque

| Weight | GSM |             |               | SKU       | Size        | Indigo | Toner | Pkg | / | Ctn |
|--------|-----|-------------|---------------|-----------|-------------|--------|-------|-----|---|-----|
| 10mil  | 277 | matte/matte | NDO           | NFU10NDO  | 12 x 18     | ✓      | ✓     | 100 | / | 400 |
|        |     |             |               | NFDP10NDO | 13 x 19     | ✓      | ✓     | 100 | / | 400 |
|        |     |             |               | NFUM10NDO | 20.5 x 29.5 | ✓      |       | 100 | / | 300 |
| 15mil  | 416 | matte/matte | NDO           | NFU15NDO  | 12 x 18     | ✓      | ✓     | 100 | / | 300 |
|        |     |             |               | NFDP15NDO | 13 x 19     | ✓      | ✓     | 100 | / | 300 |
|        |     |             |               | NFUM15NDO | 20.5 x 29.5 | ✓      |       | 100 | / | 200 |
| 18mil  | 512 | matte/matte | NDO           | NFUM18NDO | 20.5 x 29.5 | ✓      |       | 100 | / | 200 |
| 20mil  | 554 | matte/matte | Double Opaque | NFU20DO   | 12 x 18     | ✓      | ✓     | 100 | / | 200 |
|        |     |             | NDO           | NFU20NDO  | 12 x 18     | ✓      | ✓     | 100 | / | 200 |

✓ Test First

## Translucent

| Weight | GSM |             |             | SKU     | Size    | Indigo | Toner | Pkg | / | Ctn |
|--------|-----|-------------|-------------|---------|---------|--------|-------|-----|---|-----|
| 10mil  | 277 | matte/matte | translucent | NFU10T  | 12 x 18 | ✓      | ✓     | 100 | / | 400 |
|        |     |             |             | NFDP10T | 13 x 19 | ✓      | ✓     | 100 | / | 400 |
| 15mil  | 416 | matte/matte | translucent | NFU15T  | 12 x 18 | ✓      | ✓     | 100 | / | 300 |
|        |     |             |             | NFUP15T | 13 x 19 | ✓      | ✓     | 100 | / | 300 |

✓ Test First

Available Weights & Sizes

Litho

| Weight |               | SKU          | Size    | Toronto | Chicago | Shts / Pal |
|--------|---------------|--------------|---------|---------|---------|------------|
| 10mil  | NDO           | FPS102537NDO | 25 x 37 |         | ✓       | 3,000      |
|        |               | FPS1284NDO   | 28 x 40 | ✓       |         | 3,000      |
| 15mil  | NDO           | FPS152537NDO | 35 x 37 |         | ✓       | 3,000      |
|        |               | FPS5284NDO   | 28 x 40 | ✓       |         | 2,000      |
| 20mil  | NDO           | FPS2284NDO   | 28 x 40 | ✓       |         | 1,500      |
| 30mil  | double opaque | FPS3284DO    | 28 x 40 | ✓       |         | 1,000      |



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# Rigid Vinyl

White / Clear / Metallic

## Rigid Vinyl stands up to the toughest tests for strength, stability and versatility



You'll be hard-pressed to find a better material than rigid vinyl. Rigid Vinyl is a non-plasticized substrate that offers dimensional stability as well as tear and moisture resistance.

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### Specifications

- ▶ Tear resistant
- ▶ Waterproof
- ▶ Indoor & outdoor usage
- ▶ Self-extinguishing and flame resistant for fire code compliance

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### Press

- ▶ Digital
- ▶ Litho/Offset



## Finishing

- ▶ Folded
- ▶ Die-cut
- ▶ Punched
- ▶ Embossed
- ▶ Foil stamped

## Applications

- ▶ Durable signage
- ▶ Shelf talkers & wobblers
- ▶ Packaging
- ▶ Counter mats
- ▶ Gift & loyalty cards
- ▶ Menus (flat)
- ▶ Flip books & charts



## Available Weights & Sizes

# Digital

## Gold and Silver – Opulent Metallic Luster

| Weight |             |        | SKU         | Size    | Indigo | Toner | Pkg | / | Ctn |
|--------|-------------|--------|-------------|---------|--------|-------|-----|---|-----|
| 18mil  | matte/matte | gold   | SMPNFU18GMM | 12 x 18 | ✓      | ✓     | 100 | / | 300 |
| 18mil  | matte/matte | silver | SMPNFU18SMM | 12 x 18 | ✓      | ✓     | 100 | / | 300 |

✓ Test First

## White

| Weight |       | GSM |             | SKU       | Size        | Indigo | Toner | Pkg | / | Ctn |
|--------|-------|-----|-------------|-----------|-------------|--------|-------|-----|---|-----|
| 10mil  | white | 360 | matte/matte | NFU10WMM  | 12 x 18     | ✓      | ✓     | 100 | / | 400 |
|        |       |     |             | NFDP10WMM | 13 x 19     | ✓      | ✓     | 100 | / | 400 |
|        |       |     |             | NFUM10WMM | 20.5 x 29.5 | ✓      |       | 100 | / | 300 |
| 12mil  | white | 430 | matte/matte | NFU12WMM  | 12 x 18     | ✓      | ✓     | 100 | / | 400 |
|        |       |     |             | NFDP12WMM | 13 x 19     | ✓      | ✓     | 100 | / | 400 |
|        |       |     |             | NFUM12WMM | 20.5 x 29.5 | ✓      |       | 100 | / | 300 |
| 15mil  | white | 530 | matte/matte | NFU15WMM  | 12 x 18     | ✓      | ✓     | 100 | / | 300 |
|        |       |     |             | NFDP15WMM | 13 x 19     | ✓      | ✓     | 100 | / | 300 |
|        |       |     |             | NFUM15WMM | 20.5 x 29.5 | ✓      |       | 100 | / | 200 |
| 18mil  | white | 639 | matte/matte | NFU18WMM  | 12 x 18     | ✓      | ✓     | 100 | / | 300 |
|        |       |     |             | NFDP18WMM | 13 x 19     | ✓      | ✓     | 100 | / | 300 |
|        |       |     |             | NFUM18WMM | 20.5 x 29.5 | ✓      |       | 100 | / | 200 |
| 20mil  | white | 710 | matte/matte | NFU20WMM  | 12 x 18     | ✓      | ✓     | 100 | / | 200 |
|        |       |     |             | NFDP20WMM | 13 x 19     | ✓      | ✓     | 100 | / | 200 |
| 24mil  | white | 850 | matte/matte | NFU24WMM  | 12 x 18     | ✓      | ✓     | 100 | / | 200 |

✓ Test First



## Available Weights & Sizes

# Digital

Clear – Sheets have 3/4" stripes at both ends of the sheet

| Weight |       | GSM |              | SKU         | Size    | Indigo | Toner | Pkg | / | Ctn |
|--------|-------|-----|--------------|-------------|---------|--------|-------|-----|---|-----|
| 10mil  | clear | 345 | matte/matte  | NFDP10CMMWS | 13 x 19 | ✓      |       | 100 | / | 400 |
|        |       |     | gloss/gloss  | NFDP10CGGWS | 13 x 19 | ✓      |       | 100 | / | 400 |
|        |       |     | gloss/velvet | NFDP10CGVWS | 13 x 19 | ✓      |       | 100 | / | 400 |
| 15mil  | clear | 518 | matte/matte  | NFDP15CMMWS | 13 x 19 | ✓      |       | 100 | / | 300 |
|        |       |     | gloss/gloss  | NFDP15CGGWS | 13 x 19 | ✓      |       | 100 | / | 300 |
|        |       |     | gloss/velvet | NFDP15CGVWS | 13 x 19 | ✓      |       | 100 | / | 300 |

Clear Tipped – Tipped on 50# white offset paper along 13" edge

| Weight |       | GSM |             | SKU       | Size        | Indigo | Toner | Pkg | / | Ctn |
|--------|-------|-----|-------------|-----------|-------------|--------|-------|-----|---|-----|
| 10mil  | clear | 420 | gloss/gloss | NFDP10CGT | 19 x 13     | ✓      |       | 100 | / | 400 |
|        |       |     | gloss/gloss | NFUM10CGT | 20.5 x 29.5 | ✓      |       | 100 | / | 300 |
|        |       |     | matte/matte | NFDP10CMT | 19 x 13     | ✓      |       | 100 | / | 400 |

# Litho

| Weight |       |             | SKU         | Size    | Toronto | Chicago | Shts / Pal |
|--------|-------|-------------|-------------|---------|---------|---------|------------|
| 10mil  | white | matte/matte | FPVW102537N | 25 x 37 |         | ✓       | 2,500      |
|        |       |             | FPV1284WMM  | 28 x 40 | ✓       |         | 2,500      |
| 15mil  | clear | gloss/gloss | FPV5284CGG  | 28 x 40 | ✓       |         | 1,600      |
| 15mil  | white | matte/matte | FPV152537N  | 25 x 37 |         | ✓       | 1,600      |
|        |       |             | FPV5284WMM  | 28 x 40 | ✓       |         | 1,600      |
| 18mil  | white | matte/matte | FPV152537N  | 25 x 37 |         | ✓       | 1,200      |
|        |       |             | FPV1828WMM  | 28 x 40 | ✓       |         | 1,200      |
| 20mil  | white | matte/matte | FPVW202537N | 25 x 37 |         | ✓       | 1,200      |
|        |       |             | FPV2284WMM  | 28 x 40 | ✓       |         | 1,200      |
| 30mil  | white | matte/matte | FPV3284WMM  | 28 x 40 | ✓       |         | 800        |



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# Polypropylene Dead Opaque

White

## Total Block Out

Polypropylene Dead Opaque is a durable plastic film with excellent opacity, tear/chemical resistance and accepts a wide range of finishing processes including sewing, grommeting and laminating. It is printable on offset conventional presses and is excellent for applications including point-of-purchase signage, point-of-sale displays and outdoor banners and displays.



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### Specifications

- ▶ Opaque: total block-out
- ▶ Tear-resistant
- ▶ Waterproof

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### Press

- ▶ HP Indigo
- ▶ Litho/Offset



## Finishing

- ▶ Folded
- ▶ Die-cut
- ▶ Punched
- ▶ Embossed
- ▶ Foil stamped
- ▶ Stapled
- ▶ Riveted
- ▶ Sewn

## Applications

- ▶ Banners
- ▶ Pennants
- ▶ Window signage (1 or 2-sided)
- ▶ POP displays
- ▶ Hanging signs



## Available Weights & Sizes

# Digital

| Weight |       |        | SKU     | Size    | Indigo | Toner | Pkg | / | Ctn |
|--------|-------|--------|---------|---------|--------|-------|-----|---|-----|
| 8mil   | white | opaque | NFU8OPP | 12 x 18 | ✓      |       | 100 | / | 500 |

# Litho

| Weight |             | SKU         | Size    | Toronto | Chicago | Shts / Pal |
|--------|-------------|-------------|---------|---------|---------|------------|
| 8mil   | dead opaque | FPC8253OPP  | 25 x 38 |         | ✓       | 1,000      |
|        |             | FPC82840OPP | 28 x 40 | ✓       |         | 1,000      |



# STYREX<sup>®</sup> 325

Recycled HIPS / Part of the RE•COVER™ family of recycled products

**STYREX<sup>®</sup> 325 is a litho and flexographic grade material containing recycled content.**



STYREX 325 is a coextruded HIPS material that incorporates recycled content. It can be produced in an A/B or A/B/A construction to match the unique requirements of your project.

## Specifications

- ▶ Virgin cap layers maintain a familiar print surface
- ▶ Recycled core increases sheet opacity
- ▶ Contains up to 50% recycled content

## Applications

- ▶ Indoor & Outdoor Signage
- ▶ Merchandise Cards
- ▶ POP Displays





| Resin Property              | Unit              | Value | ASTM Method |
|-----------------------------|-------------------|-------|-------------|
| Specific Gravity            | g/cm <sup>3</sup> | 1.04  | D792        |
| Vicat Softening Temperature | °F                | 208   | D1525       |
| Heat Deflection Temperature | °F                | 187   | Internal    |
| Rockwell Hardness           | "L" Scale         | 49    | D785        |

## Specifications

| Color           | White                   |             |
|-----------------|-------------------------|-------------|
| Gauge/Thickness | Min.                    | .020"       |
|                 | Max.                    | .125"       |
| Surface Finish  | 1 <sup>st</sup> Surface | Gloss       |
|                 | 2 <sup>nd</sup> Surface | Matte       |
|                 | 1 <sup>st</sup> Surface | Matte       |
|                 | 2 <sup>nd</sup> Surface | Matte       |
| Roll Width      | Min.                    | 14"         |
|                 | Max.                    | 60"         |
| Roll Diameter   | Min.                    | 18"         |
|                 | Max.                    | 48"         |
| Core Size       |                         | 6" Standard |

| Resin Property             | Unit     | Value   | ASTM Method |
|----------------------------|----------|---------|-------------|
| Notched Izod Impact @ 73°F | ft-lb/in | 1.4     | D256        |
| Tensile Modulus            | psi      | 247,000 | D638        |
| Flexural Modulus           | psi      | 312,000 | D790        |

## Specifications

| Color        | White              |                   |
|--------------|--------------------|-------------------|
| Sheet Width  | Min. (.020"-.060") | 14"               |
|              | Min. (.061"-.090") | 30"               |
|              | Min. (.090"+)      | 33"               |
|              | Max. (.020"-.060") | 63"               |
|              | Max. (.060"+)      | 61"               |
| Sheet Length | Min.               | 18"               |
|              | Max.               | 128"              |
| Options      | Corona Treatment   | 0 or 1 or 2 sides |

**DISCLAIMER:** All listed technical data are typical values intended for your guidance. Final testing and fitness for use are determined by the end customer and intended use. GOEX encourages customers to conduct their own test to determine physical properties.



# STYREX<sup>®</sup> 525

Recycled HIPS / Part of the RE•COVER™ family of recycled products

**STYREX<sup>®</sup> 525 is a digital  
and screen print grade material  
containing recycled content.**



STYREX 525 is a coextruded HIPS material that incorporates recycled content. It can be produced in an A/B or A/B/A construction to match the unique requirements of your project.

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## Specifications

- ▶ Virgin cap layers maintain a familiar print surface
- ▶ Recycled core increases sheet opacity
- ▶ Contains up to 50% recycled content

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## Applications

- ▶ Indoor & Outdoor Signage
- ▶ Merchandise Cards
- ▶ POP Displays



| Resin Property              | Unit              | Value | ASTM Method |
|-----------------------------|-------------------|-------|-------------|
| Specific Gravity            | g/cm <sup>3</sup> | 1.04  | D792        |
| Vicat Softening Temperature | °F                | 208   | D1525       |
| Heat Deflection Temperature | °F                | 187   | Internal    |
| Rockwell Hardness           | "L" Scale         | 49    | D785        |

### Specifications

| Color           | White                   |             |
|-----------------|-------------------------|-------------|
| Gauge/Thickness | Min.                    | .020"       |
|                 | Max.                    | .125"       |
| Surface Finish  | 1 <sup>st</sup> Surface | Gloss       |
|                 | 2 <sup>nd</sup> Surface | Matte       |
|                 | 1 <sup>st</sup> Surface | Matte       |
|                 | 2 <sup>nd</sup> Surface | Matte       |
| Roll Width      | Min.                    | 14"         |
|                 | Max.                    | 60"         |
| Roll Diameter   | Min.                    | 18"         |
|                 | Max.                    | 48"         |
| Core Size       |                         | 6" Standard |

**DISCLAIMER:** All listed technical data are typical values intended for your guidance. Final testing and fitness for use are determined by the end customer and intended use. GOEX encourages customers to conduct their own test to determine physical properties.

### Available Weights & Sizes

# Litho

|            |        | Size     | Shts / Pal |
|------------|--------|----------|------------|
| Styrex 525 | 0.020" | 50 x 100 | 500        |
|            | 0.030" | 50 x 100 | 350        |
|            | 0.040" | 50 x 100 | 250        |
|            | 0.060" | 50 x 100 | 173        |

| Resin Property             | Unit     | Value   | ASTM Method |
|----------------------------|----------|---------|-------------|
| Notched Izod Impact @ 73°F | ft-lb/in | 1.4     | D256        |
| Tensile Modulus            | psi      | 247,000 | D638        |
| Flexural Modulus           | psi      | 312,000 | D790        |

### Specifications

| Color        | White              |                   |
|--------------|--------------------|-------------------|
| Sheet Width  | Min. (.010"-.060") | 14"               |
|              | Min. (.061"-.090") | 30"               |
|              | Min. (.090"+)      | 33"               |
|              | Max. (.015-.060")  | 63"               |
|              | Max. (>.060")      | 61"               |
| Sheet Length | Min.               | 18"               |
|              | Max. (.015"+)      | 128"              |
| Options      | Corona Treatment   | 0 or 1 or 2 sides |



# STYREX<sup>®</sup> 320

100% Prime HIPS / Matte/Matte finish

## STYREX<sup>®</sup> 320 is a litho and flexographic grade material.



High-Impact Polystyrene (HIPS) is a versatile material used in a wide range of industrial, consumer, and medical applications. HIPS is selected for its ease of processing, light-weighting capability, cost, durability, chemical resistance, and recyclability.

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### Specifications

- ▶ Custom dyne level ranges available for optimal ink adhesion results
- ▶ Economical price point and quick turn times

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### Applications

- ▶ POP signage
- ▶ In-store decoration
- ▶ Shelf danglers
- ▶ Tags



| Resin Property              | Unit              | Value | ASTM Method |
|-----------------------------|-------------------|-------|-------------|
| Specific Gravity            | g/cm <sup>3</sup> | 1.04  | D792        |
| Vicat Softening Temperature | °F                | 214   | D1525       |
| Heat Deflection Temperature | °F                | 185   | Internal    |
| Rockwell Hardness           | "L" Scale         | 50    | D785        |

### Specifications

| Color           |                         | Natural White |
|-----------------|-------------------------|---------------|
| Gauge/Thickness | Min.                    | .015"         |
|                 | Max.                    | .125"         |
| Surface Finish  | 1 <sup>st</sup> Surface | Gloss         |
|                 | 2 <sup>nd</sup> Surface | Matte         |
|                 | 1 <sup>st</sup> Surface | Matte         |
|                 | 2 <sup>nd</sup> Surface | Matte         |
| Roll Width      | Min.                    | 14"           |
|                 | Max.                    | 60"           |
| Roll Diameter   | Min.                    | 18"           |
|                 | Max.                    | 48"           |
| Core Size       |                         | 6" Standard   |

**DISCLAIMER:** All listed technical data are typical values intended for your guidance. Final testing and fitness for use are determined by the end customer and intended use. GOEX encourages customers to conduct their own test to determine physical properties.

### Available Weights & Sizes

# Litho

|            |        | Size    | Shts / Pal |
|------------|--------|---------|------------|
| Styrex 320 | 0.015" | 28 x 40 | 800        |
|            | 0.020" | 28 x 40 | 600        |

| Resin Property             | Unit     | Value   | ASTM Method |
|----------------------------|----------|---------|-------------|
| Notched Izod Impact @ 73°F | ft-lb/in | 2.8     | D256        |
| Tensile Modulus            | psi      | 290,000 | D638        |
| Flexural Modulus           | psi      | 290,000 | D790        |

### Specifications

| Color        |                    | White             |
|--------------|--------------------|-------------------|
| Sheet Width  | Min. (.010"-.060") | 14"               |
|              | Min. (.061"-.090") | 30"               |
|              | Min. (.090"+)      | 33"               |
|              | Max. (.015-.060")  | 63"               |
|              | Max. (.060"+)      | 61"               |
| Sheet Length | Min.               | 18"               |
|              | Max. (.015"+)      | 128"              |
| Options      | Corona Treatment   | 0 or 1 or 2 sides |



# STYREX<sup>®</sup> 500

100% Prime HIPS / Matte/Matte finish

## STYREX<sup>®</sup> 500 is a digital and screen print grade material.



High-Impact Polystyrene (HIPS) is a versatile material used in a wide range of industrial, consumer, and medical applications. HIPS is selected for its ease of processing, light-weighting capability, cost, durability, chemical resistance, and recyclability.

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### Specifications

- ▶ Custom dyne level ranges available for optimal ink adhesion results
- ▶ Easy to die cut, form and fabricate
- ▶ Economical price point and quick turn times

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### Applications

- ▶ POP signage
- ▶ In-store decoration
- ▶ Shelf dangles
- ▶ Tags

| Resin Property              | Unit              | Value | ASTM Method |
|-----------------------------|-------------------|-------|-------------|
| Specific Gravity            | g/cm <sup>3</sup> | 1.04  | D792        |
| Vicat Softening Temperature | °F                | 212   | D1525       |
| Heat Deflection Temperature | °F                | 183   | Internal    |
| Rockwell Hardness           | “L” Scale         | 50    | D785        |

### Specifications

| Color           |                         | Natural White |
|-----------------|-------------------------|---------------|
| Gauge/Thickness | Min.                    | .015"         |
|                 | Max.                    | .125"         |
| Surface Finish  | 1 <sup>st</sup> Surface | Gloss         |
|                 | 2 <sup>nd</sup> Surface | Matte         |
|                 | 1 <sup>st</sup> Surface | Matte         |
|                 | 2 <sup>nd</sup> Surface | Matte         |
| Roll Width      | Min.                    | 14"           |
|                 | Max.                    | 60"           |
| Roll Diameter   | Min.                    | 18"           |
|                 | Max.                    | 48"           |
| Core Size       |                         | 6" Standard   |

| Resin Property             | Unit     | Value   | ASTM Method |
|----------------------------|----------|---------|-------------|
| Notched Izod Impact @ 73°F | ft-lb/in | 2.6     | D256        |
| Tensile Modulus            | psi      | 270,000 | D638        |
| Flexural Modulus           | psi      | 270,000 | D790        |

### Specifications

| Color        |                     | White             |
|--------------|---------------------|-------------------|
| Sheet Width  | Min. (.015"- .060") | 14"               |
|              | Min. (.061"- .090") | 30"               |
|              | Min. (.090"+)       | 33"               |
|              | Max. (.015-.060")   | 63"               |
|              | Max. (.060"+)       | 61"               |
| Sheet Length | Min.                | 18"               |
|              | Max.                | 128"              |
| Options      | Corona Treatment    | 0 or 1 or 2 sides |

### Available Weights & Sizes

# Litho

|            |        | Size     | Shts / Pal |
|------------|--------|----------|------------|
| Styrex 500 | 0.020" | 50 x 100 | 500        |
|            | 0.030" | 50 x 100 | 350        |
|            | 0.040" | 50 x 100 | 250        |
|            | 0.060" | 50 x 100 | 173        |
| Styrex 500 | 0.020" | 60 x 120 | 271        |
|            | 0.030" | 60 x 120 | 180        |
|            | 0.040" | 60 x 120 | 135        |
|            | 0.060" | 60 x 120 | 90         |



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