



Overview:

E/TPO4 | Expanse Luna PVC-free TPO woven banner 400gsm

After years of research, we proudly bring to you a substantial woven banner with a completely PVC-free and 100% recyclable design. Expanse Luna is made entirely from TPO, a specialist material used in the building and automotive industry for its exceptional durability and strength in outdoor environments. This is an excellent 'green' alternative to PVC banner that truly holds its own in terms of performance, with a durability of up to five years as well as resistance to UV, ageing and water. Using a unique four-layer construction, it has proven to be a tough option for indoor and outdoor printed graphics requiring that all-important 'eco' touch.

- Substantial tightly-woven construction for durable results
- Can be used indoors and outdoors, with water and UV resistance
- Can resist temperatures as low as -70c and as high as 80c!
- PVC-free and recyclable to help you meet those eco targets
- Perfectly printable with a range of ink types
- Excellent tear and tensile strengths comparable to higher weight PVC options
- Free from phthalates
-

Applications:

With the performance to match a traditional PVC banner, this 'green' alternative is perfect for everywhere a typical banner can go including exhibitions, POS/ retail, events, as well as more extreme outdoor applications as this banner can handle temperature changes of as low as -70c and as high as 80c.

Compatibility:

This product has been tested for use with the following ink technologies;

Latex
Eco-Solvent
Solvent
UV-Curable

We recommend when using Latex inks that you test the substrate first and adjust your printer heat setting to 70~75oC for optimal results.

Usage and durability:

Certifications:

REACH Compliant

Specifications:

Substrate weight	400 gsm
Base	Woven thermoplastic polyolefin
Denier	1000 x 1000D / 20 x 20
Tensile strength	Warp 2600-2800 Weft 2500-2700
Tear strength	Warp 310-330 Weft 290-310
Welding compatibility	Hot air
Outdoor durability	3 - 5 years

Papergraphics UK:

ADDRESS	PHONE	WEBSITE
Papergraphics, Crompton Way, Crawley, West Sussex, RH10 9QR, UK	0345 1300 662	paper-graphics.com

CAVEAT EMPTOR: WE HAVE CONDUCTED IN-HOUSE TRIALS ON ALL OF OUR PRODUCTS TO MAKE SURE THEY MAKE THE GRADE IN PERFORMANCE AND SUITABILITY. BUT THERE ARE SCORES OF VARIABLES IN THE COMBINATIONS OF SOFTWARE, HARDWARE, PRINT PROFILES, SPEEDS & RESOLUTIONS, SO WE REALLY DO RECOMMEND THAT YOU UNDERTAKE YOUR OWN EVALUATION WITH YOUR OWN EQUIPMENT TO MAKE SURE THAT OUR PRODUCTS MEET YOUR EXPECTATIONS.



papergraphics
THE WIDE-FORMAT PRINT SPECIALIST

Overview:

E/TPO4 | Expanse Luna PVC-free TPO woven banner 400gsm

Availability:

Our products come in many shapes & sizes, however, as market requirements change, so do the range of sizes we produce and hold in stock. The following reflects the main product dimensions we supply this product in as at the time this data sheet was created. If the size you need isn't listed, please speak to us to see if it can be made especially for you.

Product Code (SKU)	Width	Length
E/TPO4/16005/76/1	1600 mm	5 M
E/TPO4/160050/76/1	1600 mm	50 M
E/TPO4/32001/76/1	3200 mm	1 M
E/TPO4/320050/76/1	3200 mm	50 M

Papergraphics UK:

ADDRESS	PHONE	WEBSITE
Papergraphics, Crompton Way, Crawley, West Sussex, RH10 9QR, UK	0345 1300 662	paper-graphics.com

CAVEAT EMPTOR: WE HAVE CONDUCTED IN-HOUSE TRIALS ON ALL OF OUR PRODUCTS TO MAKE SURE THEY MAKE THE GRADE IN PERFORMANCE AND SUITABILITY. BUT THERE ARE SCORES OF VARIABLES IN THE COMBINATIONS OF SOFTWARE, HARDWARE, PRINT PROFILES, SPEEDS & RESOLUTIONS, SO WE REALLY DO RECOMMEND THAT YOU UNDERTAKE YOUR OWN EVALUATION WITH YOUR OWN EQUIPMENT TO MAKE SURE THAT OUR PRODUCTS MEET YOUR EXPECTATIONS.

DATA SHEET GENERATED FOR E/TPO4: 10/03/2023 09:46:11