

# STARFLEX® Discovery Media



## Features & Applications

- Soft and delicate white surface
- Superb Printability with Eco Solvent, UV and Latex Printers
- Frontside Using 100% Virgin PVC Resin
- Application in Billboard, Banners Building Murals, In-Store Display etc.

## The Innovative Part

- Backside 100% made of Used in House Recycled (Unique Process) PVC Banners
- Backside Tinted Black to Increase Banner Opacity and to Blackout Frame Shade against Intense Light comes from Rear of the Billboard
  - > Cost savings on Billboard Construction and Material Consumption such as Plywood, Aluminum, Steel, etc.
- The Construction is using more than 50% of Recycled PVC Content

## The Environmental Impact

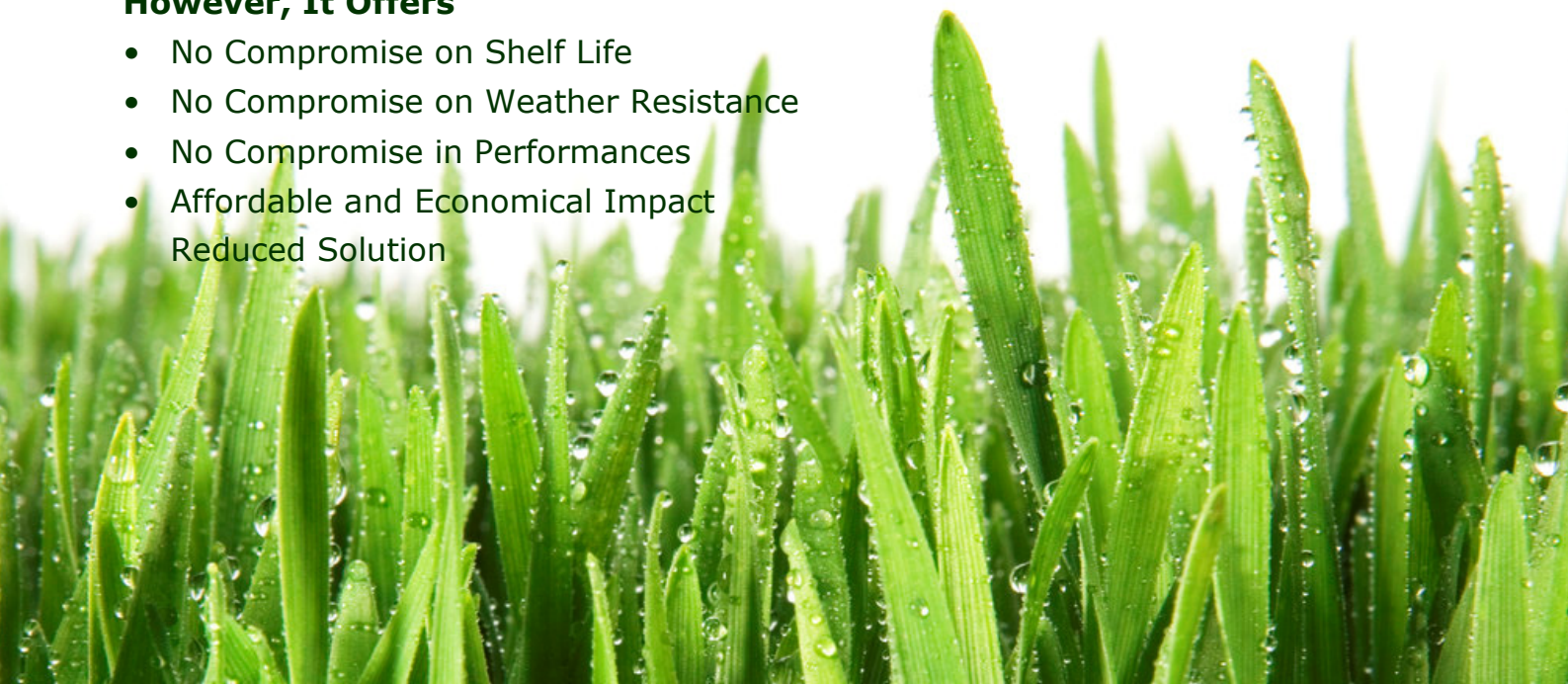
- 50% Reduction of newly made PVC Resin
- 50% Reduction of after use PVC Land filling or Incineration

## However, It Offers

- No Compromise on Shelf Life
- No Compromise on Weather Resistance
- No Compromise in Performances
- Affordable and Economical Impact Reduced Solution

## Availability

- Weight : 10oz, 13oz Available
- White Matt & White Glossy
- Various Widths up to 320cm





# STARFLEX® Discovery Media

## Not Just "Recyclable" Banners But "Already Recycled" Banners

Known as the manufacturer of supreme quality Coated and Laminated banners, Starflex is proud of launching a **recycled banner** range - **STARFLEX® Discovery Media**. No compromise on its performance in printing quality & resistance, but its dedication to the environment is unique. With 50% less consumption of new PVC resin in the final banner product, it allows less new PVC production, less consumption of Oil, less emission of gas, less production of by-chemicals, more energy saving, but also less after-use-period PVC banners in the landfilling or incineration. The front printing side is Starflex standard white film, using 100% virgin new PVC.

Thanks to the key Starflex thermal treatment technology on the printing surface, it has super smooth easy-to-print-on surface for the high resolution printing result with minimized plasticizer migration. The backside of the banner is produced from 100% in-house Recycled PVC. Starflex gathers used PVC and re-powders the PVC to prepare the Black tinted PVC film. It is thereafter laminated onto the high tenacity polyester scrim backside while the front receives the layer of new printable PVC. The process provides extremely strong bond of the layers together and a perfect smoothness, while offering very long outdoor durability warranty, high strength and superior tension resistancy.

The new **STARFLEX® Discovery Media range** already includes 3 products in various widths up to 320cm :

- **Discovery-1** 13oz (440g/m<sup>2</sup>), 1000D x 1000D / 9 x 9

Greener product with highest strength & resistance in the market place. Ideal for the superwide, strong wind exposed billboards and banners.

- **Discovery-2** 13oz (440g/m<sup>2</sup>), 500D x 500D / 9 x 9

Suitable solution for indoor and outdoor jobs with proper installation.

- **Discovery-3** 10oz (340g/m<sup>2</sup>), 500D x 500D / 9 x 9

Super economic version for short term use.

## STARFLEX is Fully Ready for REACH\*

According to the Reach Implementation Project 3.8 (RIP 3.8) in REACH – Regulation (EC) No 1907/2006 of the European Parliament and of the Council, all Starflex products are in the category of the "Articles without the substance intended to be released" that are exempted from the REACH Registration. However, the manufacturers who produces articles has obligations to provide the information about the SVHC\*\*, and Starflex REACH Coordinators are fully meeting its obligations toward its downstream users.

Phthalate Plasticizer commonly used in soft PVC is Bis (2-ethylhexyl) phthalate (DEHP) which is listed as Substances of Very High Concern (SVHC) under REACH and Starflex PVC banner is not an exception. Therefore, Starflex has initiated the Chemical Safety Report since ECHA\*\*\* has announced its inclusion of SVHC on 28th of October, 2008 for currently distributing Starflex PVC banners.

Always going further than obligations, Starflex is producing the entire existent product range in Phthalate Free under the name of **Starflex® Phthalate Free**. All the downstream users of Starflex can buy and sell our PVC banner with no worry on the harmful substance for human, nor the Authorization procedure to ECHA.

\*REACH stands for the Regulation for Registration, Evaluation, Authorisation and Restriction of Chemicals. The REACH Regulation entered into force on 1st June 2007 to streamline and improve the former legislative framework for chemicals of the European Union (EU).

\*\* Substances of Very High Concern

\*\*\* European Chemicals Agency

***Excellence in Digital Printing Media***



**STAR FLEX**  
www.star-flex.com