



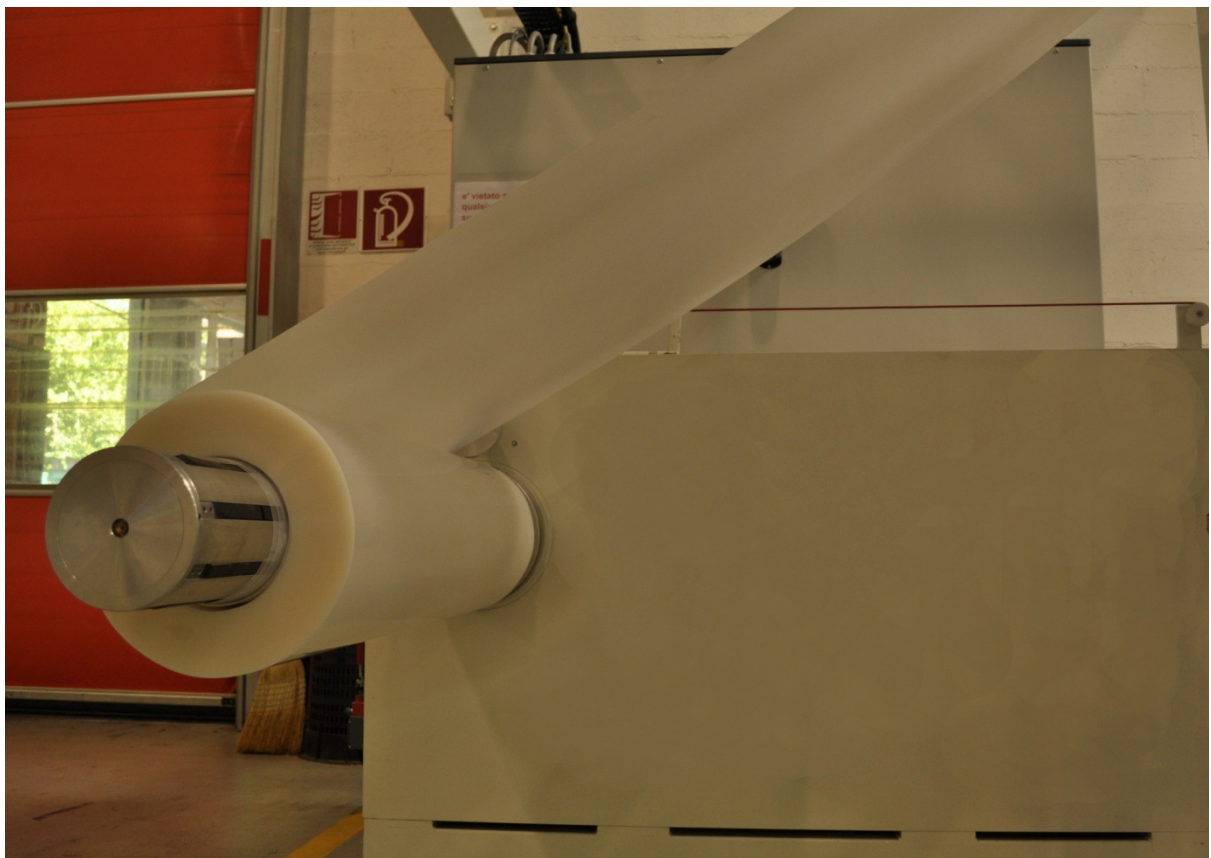
[www.plaspro.co.uk](http://www.plaspro.co.uk)

## Guide to Rigid Polypropylene

Plaspro have specialised in the supply of polypropylene since 2000 and over this time we have developed a close relationship with our production facility in Switzerland. This allows us to provide you with the top quality material you expect within fast lead times at competitive prices allowing you to provide your client with the same level of service, ensuring you of repeat business over and over again! Check out the range...

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We can supply PP in sheets or on rolls!



## **EXP Vision:**

Our complete range of polypropylene media for the visual communication market designed to be printed on large format UV ink jet flat bed printers. These products have been coated on one or two sides to improve ink adhesion, water and scratch resistance.

**Flag:** soft, flexible and totally opaque. This media is the ecological alternative to vinyl in the printing of flags and banners for indoor applications.

**Backlit:** the PP molecular structure offers a superb light diffusion and a smooth printable surface to allow sharpness of details and high resolution. Suitable for expo-lighting systems and illuminating posters.

**Banner White:** scratch resistant for single sided roll up banners that need frequent folding.

**Banner Opaque:** Due to its white/black/white layers this media is a complete barrier to light. It can therefore be printed on both front and back for double sided banners.

**Sign:** a universal media for any type of large format signage.

**Protect:** this material has excellent clarity, making it suitable to be used as a protection screen for displays.

## **Print-Ex:**

This is our range of traditional polypropylene for printing and packaging markets.

A variety of embosses are available making Print-Ex material suitable for the UV, silk screen and litho printing markets. We hold a variety of thicknesses and sheet sizes in stock as well as being able to cater to your bespoke needs.

The Prime-Ex range includes different degrees of transparency – from clear to natural and various shades of white, up to total opacity for double sided printing.

Print-Ex guarantees constant quality ensuring consistently trouble free batches!

Capabilities:

Shelf life for silk-screen printing: up to 6 months

Shelf life for litho printing: up to 3 months

Thickness: 350micron – 2000micron

Sheet Size: 400mm – 1250mm

Length: 400mm – 2500mm (offline cutting is also available)

Emboss: Matt, Orange, Fine, Opaque, H2O

## **Prime-Ex:**

Our Prime-Ex range has been primed to improve the process of UV offset printing. Our production facility in Switzerland has developed a process that enables to produce in one step, extrusion and coating in-line, creating materials that will meet the most demanding requirements of offset UV printing.

Due to their unique prime technology our Prime-Ex materials have outstanding print results as well as good scratch resistance and water resistance. Prime-Ex materials have been primed on both sides for printing.

**Gloss:** primed gloss material for excellent print adhesion (never before seen!).

**Tag:** a ready to print substrate for horticultural labels where improved ink-adhesion and absolute water resistance can be tested immediately after printing and OPV. Also available: Prime-Ex Tag GREEN.

**IML:** for in mould labels.

**EcoCard:** Specially formulated polypropylene for ISO standard plastic cards. The main uses are plant tags, horticultural labels and other printed cards.

Where ECO stands for ecological and economical; this material is 100% recyclable with a low carbon foot print and also has a low density of only 103Kg/dm<sup>3</sup>.

Our EcoCard material has been primed on both sides to allow perfect ink adhesion before PET lamination or OPV. It leaves the possibility to laminate with PET and magnetic stripe.

## **Art-Ex:**

Our range of coloured polypropylene for the promotional stationary and presentation market. Art-Ex substrates are soft, non-whitening and suitable for converting technologies such as die cutting, hot stamping, punching, stitching, riveting and more.

Capabilities:

Thickness: 350micron – 2000micron

Sheet Size: 400mm – 1250mm

Length: 400mm – 2500mm (offline cutting is also available)

Emboss: Matt, Orange, Ice, Diagonal

Colours: Ask us for a full range of colours!

## **Go Green:**

Polypropylene is a polyolefin with low carbon foot print and 100% recyclable. Don't forget, we also cater to your bespoke sizes and thickness to reduce wastage!

**EXP Green:** our production facility uses clean, dry scrap polypropylene (brought back from customers) to produce a 100% recycled product. The quality level exclusively depends on the environmental awareness of the customer.

**Prime-Ex Tag Green:** a polypropylene co-extruded sheet, where 75% comes from selected recycled material. The top layer is obtained from virgin blend and then primer coated, to allow colour lytho printing in the most demanding applications.

**OXO-Biodegradable:** a new formulation of polyolefins designed for the horticultural market, where labels are often dispersed into gardens slowly becoming brittle in a controlled reaction by exposure to light and air, after twelve months labels can be attacked by bacteria and degrade within three years.