



Graphic **Image** Films Ltd  
Unit 5, Ridge Way  
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Tel: 01844 208308 Fax: 01844 208608

## Yields Explained

The yield of a film refers to the amount of m2 per kilo the film offers. Yield very much depends on the thickness/density of the film, so a thicker film will be heavier and will offer less m2 per kilo than a thinner/lower density film.

See comparison below for a Wet Matt 440mm width:-

Width	Length	m2	15 Micron		Standard 13 Micron		New High Yield 13 Micron	
			Yield	Roll Weight	Yield	Roll Weight	Yield	Roll Weight
0.440	4000	1760	74.10	<b>23.75</b>	85.46	<b>20.59</b>	96.15	<b>18.36</b>

## Calculations explained

Width x length = square meters  
i.e. 0.440mm x 4000m = 1760m<sup>2</sup>

Square meters divided by yield = roll weight  
i.e. 1760m<sup>2</sup> / 74.10 = 23.75 kgs

The difference between the 15 micron roll and our standard 13 micron film is 3.16 kgs.

## Comparing prices:-

When you compare prices of Wet Matt Film, you must take into account the different thicknesses i.e micron. Please note that here at Graphic Image Films we supply a 13 micron matt film, whereby other film supplier's mainly sell 15 micron film. The 15 micron film is a heavier/denser film and therefore has a lower yield to that of our 13 micron matt films.

The 2 easiest ways of comparing prices are:-

1. By weight : using the calculations above, work out the weights of each roll, multiply by kilo price and compare the final price of each reel
2. By m<sup>2</sup>, take the kilo price and divide it by the yield this will give you a m<sup>2</sup> price and by doing this, this will give you a true representation of the prices you are paying for your film.

Contact us today on 01844 208308 if you have any further questions.

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### **New Wet High Yield 13 Micron Film**

Please note we are currently in the process of testing the High Yield Matt film, which has an even better yield than the current Matt film we supply, if tests go well and the film is approved by us, we hope to be selling this film within the next few months.

#### **Profile**

The high yield film is a co-extruded, plain, antistatic, both sides treated, one side matt, and other side gloss Bi-axially Polypropylene film.

#### **Features**

- Low static charge
- High Yield
- Excellent machinability
- Good ink / varnish adhesion
- High haze, good contact clarity

#### **Applications**

- Natural look lamination of printed, unprinted paper, paperboard and carton lamination
- Extrusion coating with primer for thermo-lamination & UV spot coating.

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