

# Optima *Silk*



Optima Silk is a 100% recycled white top testliner which offers superb print performance due to its ultra smooth surface. This paper is a very cost-effective alternative to white top kraftliner and is in high demand in categories such as retail ready packaging where the highest standards of printing are required. St Regis is the UK's only manufacturer of 100% recycled white top testliner which means customers can rely on security of supply.

#### Investing in Optima Silk's outstanding performance

The investment in Optima Silk's manufacturing process at Hollins Mill has been targeted at increasing its ability to achieve perfect colour print, especially when strong block colour is required. Installation of a new DuoShake unit and a calender with CD caliper profile control has resulted in an ultra smooth surface which delivers absolutely stunning print.

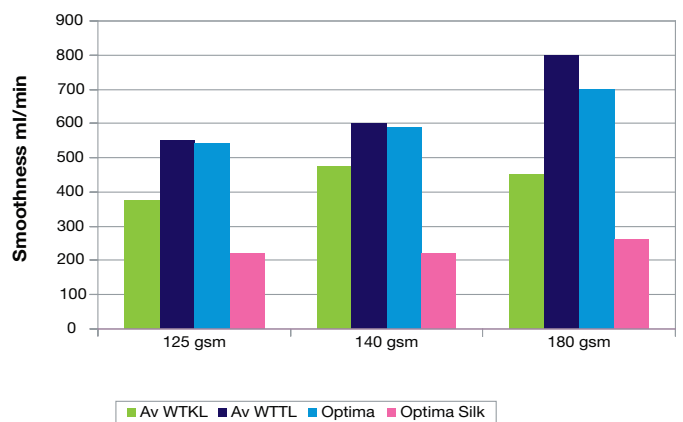
#### A clean blue white

Apart from its smoothest of smooth surfaces, Optima Silk provides the perfect ground for colourful and dynamic flexographic printing. Its characteristic clean blue whiteness is created by means of the intensive stock preparation process involving repeated deinking and cleaning. Further recent investments in the form of new screening technology have made the stock cleaning process even more effective.

#### Consistency on paper and board

The combination of the new calender and calcoil profiler allows for precise caliper control. The resulting consistency means that Optima Silk can be relied upon to run trouble free on the corrugator with excellent board stability. What's more, its consistent strength values add to Optima Silk's suitability as a possible substitute for some white top kraftliner applications.

#### Printability – Relative Smoothness



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## Perfect for retail ready, point of sale and in-store signage

Point of sale material is becoming increasingly prominent in today's high street, and with Optima Silk there's no need to compromise. This 100% recycled paper will deliver perfect protection and print for all retail ready applications and can be used to catch the eye with high impact and colourful displays throughout the store. Additionally, Optima Silk has potential for some inner liner applications, emphasising the versatility of the product.

## Mottle – another leading presentation liner

For customers who need a paper which will achieve high visual impact while disguising handling marks, our Mottle top testliner is ideal. It is manufactured using the same advanced papermaking technology as Optima Silk and is therefore a perfect replacement for mottle top kraftliner. Mottle top is available in 125, 140 and 180 g/m<sup>2</sup>.

## Typical values for Optima Silk

Typical Values			
Standard g/m <sup>2</sup>	125	140	180
Moisture Content %	8	8	8
Burst kPa	270	300	375
Cobb30 g/m <sup>2</sup>	80	80	80
Porosity Gurley s/100ml	30	30	30
Smoothness ml/min	225	225	275
Wax Pick	16	16	16
SCT	2.00	2.20	2.85
Caliper Microns	160	175	225
ISO 2470 Brightness %	80	80	80
Scott Bond (J/m <sup>2</sup> )	250	250	250



## Support services

To make sure you achieve maximum performance using Optima Silk on your corrugator, our highly experienced technical and customer service team, will provide you with all the support you need.

For more information call our sales office on 01628 583300 or send an email to [ccm.marketing@stregis.co.uk](mailto:ccm.marketing@stregis.co.uk)