

nanolamTM

ultra thin packaging technology by **Discovery Flexibles**

Discovery Flexibles **nanolam**TM is a unique composite material produced in our state of the art lamination facility. It utilises the properties of aluminium foil and enhances them with the additional properties of ultra-thin polymeric film without losing the superb dead-fold capability of Aluminium Foil.

nanolamTM is also heat sealable to itself (film to film) and also to certain other substrates, flexible, semi-rigid and rigid. In addition, it can be surface printed (either surface) using the gravure process to high quality.

The exact specification can be tailored to meet specific requirements but it is envisaged that typical applications will include flow wrapping, pot lidding, blister pack lidding, etc.

About Us...

Discovery Flexibles has been producing Gravure printed flexible packaging for over 55 years.

We have a long history of industry firsts and remain focused on innovation through application of our experience, technical knowledge and supplier relationships.

Specialising in the printing and converting of films, paper, aluminium foil and laminate structures, we form part of the largest independent Gravure packaging group in the UK.

Call us now to find out how we can help reduce your costs and improve your on shelf appeal.

What our Customers say..

'It can be difficult finding a supplier that can provide consistent quality. When product delivery dates become critical you look for a company that can offer a responsive service. These are just some of the reasons why I've recommended Discovery Flexibles as a packaging supplier and will continue to do so.' - A leading Pharmaceutical Company

Features	nanolam
Excellent Moisture Protection	✓
Excellent Oxygen Barrier	✓
Excellent Aroma Barrier	✓
Superb Deadfold characteristics	✓
Heat Sealable (one side only)	✓
Excellent yields available	✓

Typical Properties	
Reel Width	+/- 1 mm
Repeat Length	+/- 1 mm
GSM (grams per square m)	Dependant on substrates used, nominal +/- 7.5%
Bond Strength	>200 g/25mm
Heat Seal Strength	>125 g/25 mm (Film:Film Seal, 150°C, 40 psi, 1 second)
WVTR	>0.1 g/m ² .24hrs (ASTM E398)
OTR	<0.06 cm ³ /m ² /bar/day (ASTM F 1927)
Max Diameter	600 mm
Core Size	76 / 152 mm

Discover more...

To find out more about nanoLam, please call us on +44 (0)1382 448840 or drop us an email (sales@discoveryflexibles.com) with your contact details and one of our sales team will be in touch.

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