

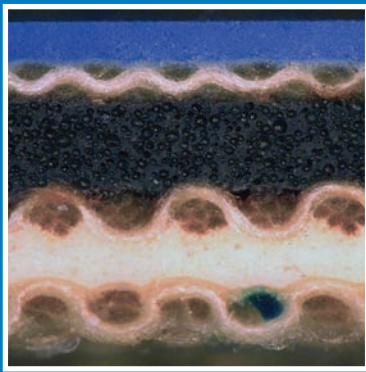
# Air Excel **Artemis**

ThermaSphere® technology offset blankets for commercial and packaging sheet fed printers



Technologically designed to extend time on press

first impressions last  
**kinyo**



# Air Excel Artemis

An innovative offset blanket that uses the unique Kinyo ThermaSphere® compressible layer technology. Designed for high speed, high quality and long run sheet-fed applications on a wide range of substrates.

- INNOVATION** Kinyo a major global manufacturer leads the industry with innovative blanket development. Our commitment is to continue developing and delivering innovative products that improve quality and extend blanket life on press.
- TECHNOLOGY** ThermaSphere® compressible layer, a process unique to Kinyo. This is the most advanced production technique available and is the next generation in blanket manufacturing.
- RELIABILITY** The consistency and quality of our new ThermaSphere® compressible layer technology and improved gauge control from our advanced buffing techniques gives a superior result, faster recovery on press, improved smash resistance and reduced gauge loss.
- VALUE** Improvements provided by ThermaSphere® compressible layer means exceptional long life from the blanket, improving production time and reducing down-time on press.
- ECOLOGY** ThermaSphere® compressible layer production is solvent free, another first in innovation from Kinyo.

## SURFACE

Rubber compound	For conventional inks
Surface finish	Buffed & polished
Roughness (Ra)	0.6µm
Colour	Blue

## CONSTRUCTION

Compressible layer design	Closed cell ThermaSphere®
Nominal thickness	1.95mm
Fabric plies	3 plies

## PHYSICAL PROPERTY

Thickness range	1.95 - 1.99mm
Overall hardness (Shore A)	81°
Micro hardness (Shore A)	56°
Tensile strength at break	> 60 N/mm
Elongation at 10 N/mm	<1.5%
Compressibility indentation at 0.20mm	1.23MPa

## BENEFITS

- Tough ThermaSphere® compressible layer, stays stable, offering longer life on press through improved shock absorption with rapid recovery. Gives constant printing conditions with very low gauge loss.
- Ground breaking ecological improvement in blanket manufacturing resulting in solvent free laminating process.
- Exceptional ink transfer and sheet release with minimum pressure enhances overall print quality, resulting in controlled dot gain and solid ink coverage on paper and board.
- A high compressible sheet-fed blanket that performs exceptionally across a wide range of substrates.

Kinyo reserve the right to change blanket specifications as required

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ISO numbers Japan manufacturing plants

