

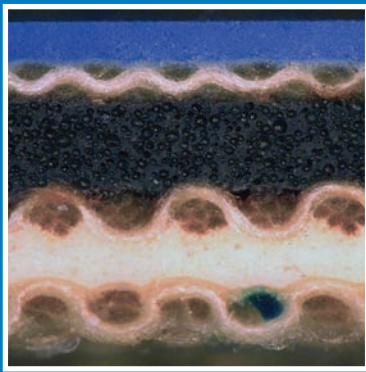
Air Excel **Artemis**

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

