

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)	0.5 µm
Colour	Blue

CONSTRUCTION

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

PHYSICAL PROPERTY

Thickness range	1.95 - 1.99 mm
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

