

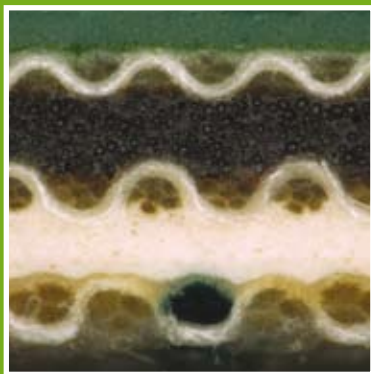
# Air Excel Titan Dual

ThermaSphere® technology offset blankets for sheet fed printers with mixed ink applications

Technologically designed to extend time on press

first impressions last  
**kinyo**

# Air Excel Titan Dual



An innovative offset blanket that uses the unique Kinyo ThermaSphere® compressible layer technology. Designed for use on mixed ink systems, conventional and UV, especially effective on UV metallic inks.

**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	Conventional and UV inks
Surface finish	Buffed
Roughness (Ra)	1.00 µm
Colour	Green

## CONSTRUCTION

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

## PHYSICAL PROPERTY

Thickness range	1.93 - 1.98 mm
Overall hardness (Shore A)	82°
Micro hardness (Shore A)	57°
Tensile strength at break	> 85 N/mm
Elongation at 10 N/mm	< 1.2%
Compressibility Indentation at 0.20mm	1.57 MPa

## BENEFITS

- Suitable for printing where both UV and conventional ink systems are used on the same press or where special / metallic colours are needed on a UV application.
- Tough ThermaSphere® compressible layer, stays stable, gives 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. Suitable for paper, coated board, metal and plastic / polyester printing.

Kinyo reserve the right to change blanket specifications as required

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ISO numbers Japan manufacturing plants

