

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

first impressions last
kinyo