

Air Excel Titan Dual

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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.

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.

SURFACE

Rubber compound	Conventional and UV inks
Surface finish	Buffed
Roughness (Ra)	0.9 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 0.20 mm	1.57 MPa

Kinyo reserve the right to change blanket specifications as required

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JQA-EM3060

ISO numbers Japan manufacturing plants