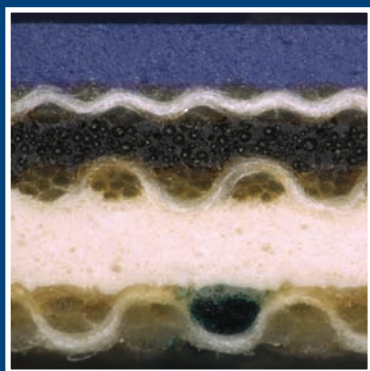


# Air Excel **Jupiter UV**

ThermaSphere® technology offset blankets  
for UV printers

Technologically designed to extend time on press

first impressions last  
**kingyo**



# Air Excel Jupiter UV

An innovative UV offset blanket that uses the unique Kinyo ThermaSphere® compressible layer technology. Designed for use on high quality dedicated UV applications.

- 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 dedicated UV ink systems
Surface finish	Buffed & polished
Roughness (Ra)	0.7µm
Colour	Deep Blue

## CONSTRUCTION

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

## PHYSICAL PROPERTY

Thickness range	1.93 - 1.98mm
Overall hardness (Shore A)	83°
Micro hardness (Shore A)	56°
Tensile strength at break	> 85 N/mm
Elongation at 10 N/mm	< 1.2%
Compressibility indentation at 0.20mm	2.01 MPa

Kinyo reserve the right to change blanket specifications as required

## BENEFITS

- Utilising a dedicated UV face compound designed to provide excellent resistance to all the polar components of UV inks and washes.
- 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.
- Low micro-ground surface gives accurate half tone dot structure and high quality reproduction.

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ISO numbers Japan manufacturing plants

