

# 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.

## BENEFITS

Utilising a dedicated UV face compound designed to provide excellent resistance to all 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.

## SURFACE

Rubber compound	For dedicated UV ink systems
Surface finish	Buffed & polished
Roughness (Ra)	0.6 µm
Colour	Deep Blue

## CONSTRUCTION

Compressible layer design	Closed cell ThermaSphere®
Nominal thickness	1.68 mm
	1.95 mm
Fabric plies	3 plies

## PHYSICAL PROPERTY

Thickness range	1.68 - 1.72 mm / 1.93 - 1.98 mm
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 0.20 mm	2.01 MPa

Kinyo reserve the right to change blanket specifications as required

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ISO numbers Japan manufacturing plants