



# 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 printing time 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)	0.70 µm
Colour	Deep Blue

## CONSTRUCTION

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

## PHYSICAL PROPERTY

Thickness Range	1.93 to 1.98 mm
Overall hardness (Shore A)	83°
Micro hardness (Shore A)	56°
Tensile Strength at Break	> 85 N/mm
Elongation at 10N/mm	< 1.20%
Compressibility Indentation at 0.20mm MPa	2.01%

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, 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.
- Low micro-ground surface gives accurate half tone dot structure and high quality reproduction.

**Kinyo UK Ltd.**, Kinyo House, Scala Court, Leathley Road, Leeds LS10 1JD. Telephone: 0113 200 5680 Fax: 0113 200 5681 Email: sales@kinyo-uk.co.uk web: www.kinyo-uk.co.uk



ISO numbers Japan manufacturing plants

