

# Air Excel Zeus Web

An innovative offset blanket that uses the unique Kinyo ThermaSphere® compressible layer technology. Designed for use on high quality heat-set and certain sheet-fed 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 heat set inks
Surface finish	Buffed
Roughness (Ra)	1.30 µm
Colour	Blue

## CONSTRUCTION

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

## PHYSICAL PROPERTY

Thickness range	1.69 - 1.73 mm / 1.95 - 1.99mm*
Overall hardness (Shore A)	83°
Micro hardness (Shore A)	61°
Tensile strength at break	> 85 N/mm
Elongation at 10 N/mm	< 1.2%
Compressibility indentation at 0.20mm	1.62 MPa
Paper feeding ratio	Positive

Kinyo reserve the right to change blanket specifications as required  
\* In development

**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

## BENEFITS

- 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.
- Special formulated surface rubber improves wash-up on press, gives excellent dot reproduction and solid coverage.
- Unique carcass construction offers improved resistance to solvent & water ingress, reducing the risk of de-lamination.



ISO numbers Japan manufacturing plants

first impressions last  
**kinyo**