

# Air Excel Zeus Web

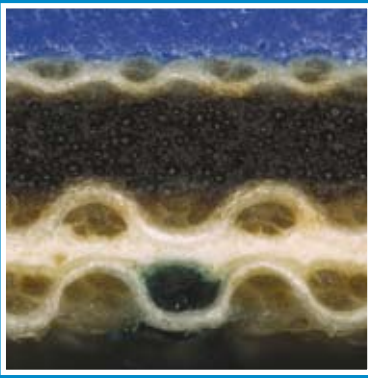
ThermaSphere® technology offset blankets  
for heat set printers

Technologically designed to extend time on press

first impressions last  
**kingyo**

kingyo





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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

## 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.

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

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ISO numbers Japan manufacturing plants

