

Air Excel **Orion Web**

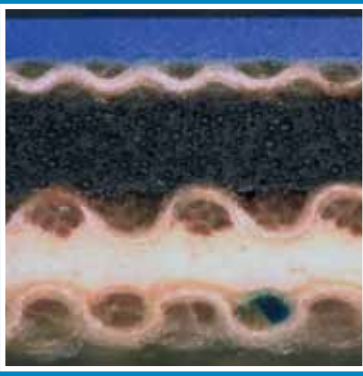
ThermaSphere® technology offset blankets
for Heatset printers

Technologically designed to extend time on press

first impressions last
kinyo

kinyo





Air Excel Orion Web

An innovative offset blanket that uses the unique Kinyo ThermaSphere® compressible layer technology. Designed for use on large format high speed Heatset printing 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 heatset inks
Surface finish	Buffed
Roughness (Ra)	1.8µm
Colour	Blue
CONSTRUCTION	
Compressible layer design	Closed cell ThermaSphere®
Nominal thickness	1.68mm 1.95mm
Fabric plies	3 plies
PHYSICAL PROPERTY	
Thickness range	1.69 - 1.73mm/1.95 - 1.99mm
Overall hardness (Shore A)	82°
Micro hardness (Shore A)	58°
Tensile strength at break	> 90 N/mm
Elongation at 10 N/mm	< 1.2%
Compressibility	Medium
Paper feeding ratio	Positive

BENEFITS

- Tough ThermaSphere® compressible layer, stays stable, offering longer life on press through improved shock absorption with rapid recovery. Uniform printing pressure plus very low gauge loss means tighter register control on wide webs.
- Ground breaking ecological improvement in blanket manufacturing resulting in solvent free laminating process and lower carbon emissions.
- Specially formulated surface rubber designed to run at lower operating temperatures, improves wash up on press and provides excellent dot reproduction and solid coverage.
- Unique carcass construction offers improved resistance to solvent & water ingress, reducing the risk of edge swelling and de-lamination.

Kinyo reserve the right to change blanket specifications as required

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ISO numbers Japan manufacturing plants

