

# Air Excel Hermes News



An innovative offset blanket that uses the unique Kinyo ThermaSphere® compressible layer and new double surface rubber technology. Designed for high quality newspaper and cold set web 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 and coldset inks
Surface finish	Buffed
Roughness (Ra)	0.9 µm
Colour	Blue
CONSTRUCTION	
Compressible layer design	Closed cell ThermaSphere®
Nominal thickness	1.95mm
Fabric plies	3 plies
PHYSICAL PROPERTY	
Thickness range	1.95 - 1.99mm
Overall hardness (Shore A)	82°
Micro hardness (Shore A)	61°
Tensile strength at break	> 85 N/mm
Elongation at 10 N/mm	< 1.2%
Compressibility indentation at 0.20mm	1.57 MPa
Paper feeding ratio	Neutral

## BENEFITS

- 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.
- Special formulated double surface rubber technology gives superb solid and half tone reproduction with quick release properties and good web feed.
- Unique carcass construction offers improved resistance to solvent and water ingress, reducing the risk of de-lamination.

Kinyo reserve the right to change blanket specifications as required

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ISO numbers Japan manufacturing plants

