



# 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 cold set inks
Surface finish	Buffed
Roughness (Ra)	1.20 µm
Colour	Blue

## CONSTRUCTION

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

## PHYSICAL PROPERTY

Thickness range	1.95 - 1.99 mm
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

Kinyo reserve the right to change blanket specifications as required

## 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 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.

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ISO numbers Japan manufacturing plants

