

Air Excel Atlas Web



An innovative offset blanket that uses the unique Kinyo ThermaSphere® compressible layer technology. Designed for use on high quality heat set & newspaper web 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 + sheet fed inks
Surface finish	Buffed & polished
Roughness (Ra)	0.9 µm
Colour	Orange

CONSTRUCTION

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

PHYSICAL PROPERTY

Thickness range	1.95 - 1.99 mm / 1.69 - 1.73 mm
Overall hardness (Shore A)	82°
Micro hardness (Shore A)	55°
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	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 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

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ISO numbers Japan manufacturing plants