

kingyo

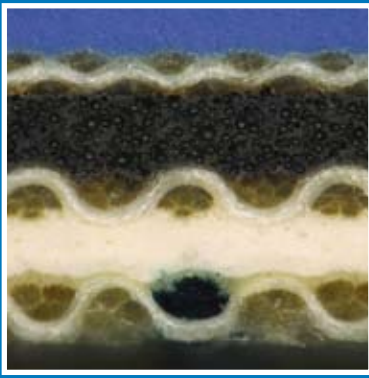
Air Excel Saturn

ThermaSphere® technology offset blankets
for sheet-fed printers



Technologically designed to extend time on press

first impressions last
kingyo



Air Excel Saturn

An innovative offset blanket that uses the unique Kinyo ThermoSphere® compressible layer technology. Designed for printing on paper and carton.

- 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** ThermoSphere® 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 ThermoSphere® 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 ThermoSphere® compressible layer means exceptional long life from the blanket, improving production time and reducing down-time on press.
- ECOLOGY** ThermoSphere® compressible layer production is solvent free, another first in innovation from Kinyo.

SURFACE	
Rubber compound	Conventional and UV inks
Surface finish	Ground & buffed
Roughness (Ra)	1.3 µm
Colour	Blue
CONSTRUCTION	
Compressible layer design	Closed cell ThermoSphere®
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)	55°
Tensile strength at break	> 80 N/mm
Elongation at 10 N/mm	< 1.2%
Compressibility indentation at 0.20mm	1.5 MPa

BENEFITS

- Tough ThermoSphere® 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.
- Exceptional ink transfer and sheet release enhances print quality, resulting in controlled dot gain and solid ink coverage on paper and board .
- A versatile sheet-fed blanket that performs exceptionally across a wide range of substrates.
- Designed for use with conventional and UV inks

Kinyo reserve the right to change blanket specifications as required

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ISO numbers Japan manufacturing plants

