

Air Excel Orion Plus

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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.

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.

SURFACE

Rubber compound	For heatset inks
Surface finish	Buffed
Roughness (Ra)	1.0 µm
Colour	Blue

CONSTRUCTION

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

PHYSICAL PROPERTY

Thickness range	1.69 - 1.73 mm / 1.95 - 1.99 mm
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

Kinyo reserve the right to change blanket specifications as required

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JQA-EM3060

ISO numbers Japan manufacturing plants