

Air Excel Lumos LE

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An innovative offset blanket that uses the unique Kinoyo ThermaSphere® compressible layer technology. Lumos LE is part of a group of products designed to meet the demanding requirements of the new Commercial and Packaging H-UV/LE-UV printing technologies.

INNOVATION

Kinoyo 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 Kinoyo. 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 Kinoyo.

BENEFITS

Dedicated EPDM UV surface designed to work effectively with H-UV and LE-UV ink systems.

Designed to minimise surface picking and back trapping.

Buffed surface designed to cope with a wide range of substrates without compromising on dot quality.

Unique ThermaSphere® compressible layer provides maximum stability and rapid recovery for high speed H-UV and LE-UV press types.

SURFACE

Rubber compound	For H-UV and LE-UV systems
Surface finish	Buffed
Roughness (Ra)	1.0 µm
Colour	Green

CONSTRUCTION

Compressible layer design	Closed cell ThermaSphere®
Nominal thickness	1.95 mm

PHYSICAL PROPERTY

Thickness range	1.93 - 1.98 mm
Overall hardness (Shore A)	81°
Micro hardness (Shore A)	60°
Tensile strength at break	> 60 N/mm
Elongation at 10 N/mm	< 1.5 %
Compressibility rating	Soft

Kinoyo reserve the right to change blanket specifications as required

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ISO numbers Japan manufacturing plants