

# Air Excel Atenea LE



Atenea LE is a completely newly developed offset blanket designed to meet the demanding requirements of the new H-UV/LE-UV printing technologies in commercial and packaging printing.

Atenea LE is equipped with the unique ThermaSphere® technology developed by Kinyo. This innovative compressible layer guarantees high stability and reliability throughout the printing process.

## 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 lifetime from the blanket, improving production time and reducing down-time on press. The newly developed innovative EPDM-UV surface is particularly resistant to ink build-up, ghosting and ink splitting.

## ECOLOGY

ThermaSphere® compressible layer, production is solvent free, another first in innovation from Kinyo.

## BENEFITS

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

High resistance to embossing from aggressive UV-inks and washes.

Buffed surface designed to offer excellent solid coverage 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.

The newly developed innovative EPDM-UV surface is particularly resistant to ink build-up, ghosting and ink feedback.

## SURFACE

Rubber compound	For H-UV and LE-UV systems
Surface finish	Buffed
Roughness (Ra)	0.6 µm
Colour	Purple

## CONSTRUCTION

Compressible layer design	Closed cell ThermaSphere®
Nominal thickness	1.95 mm

## PHYSICAL PROPERTY

Nominal thickness	1.93 - 1.98 mm
Overall hardness (Shore A)	81°
Micro hardness (Shore A)	56°
Tensile strength at break	> 85 N/mm
Elongation at 10 N/mm	< 1.2 %
Compressibility rating	Medium

Kinyo reserve the right to change blanket specifications as required

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ISO numbers Japan manufacturing plants