

# Air Excel Themis

**kinyo** | **QUALITY FIRST**

An innovative offset blanket that uses the unique Kinyo ThermaSphere® compressible layer technology. Designed for excellent washability, easy to mount and excellent ink transfer in high-quality heat-set large-format web offset.

## 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, 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.

A low heat generation carcass working in combination with our unique compressible layer provides excellent stability, uniform pressure and superior colour register.

The specially buffed surface offers the optimum balance between web release, dot reproduction and ease of washing, all of which combine to offer the best lifetime on press

## SURFACE

Rubber compound	For heatset inks
Surface finish	Buffed
Roughness (Ra)	1.3 µm
Colour	Blue

## CONSTRUCTION

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

## PHYSICAL PROPERTY

Thickness range	1.69 - 1.73 mm
Overall hardness (Shore A)	82°
Micro hardness (Shore A)	64°
Tensile strength at break	> 70 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

## Kinyo Germany GmbH

Segro Park • Bonner Strasse 339-341 • 40589 Duesseldorf  
☎ +49 2 11 540 012 0 • ✉ info@kinyo.de • 🌐 www.kinyo.de

**kinyo** | **QUALITY FIRST**



JQA-1237



JQA-EM3060

ISO numbers Japan manufacturing plants