

# Air Excel Olympia UV

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

An innovative offset blanket that uses the unique Kinyo ThermaSphere® compressible layer technology. A dedicated UV blanket designed for the packaging printer who specialises in high speed, high quality long run work.

## 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

The specially dedicated UV face compound provides maximum resistance to all the polar components of UV inks and washes.

Tough ThermaSphere® compressible layer, stays stable, offering 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.

The polished micro-ground surface provides excellent halftone reproduction and excellent sheet release.

## SURFACE

|                 |                              |
|-----------------|------------------------------|
| Rubber compound | For dedicated UV ink systems |
| Surface finish  | Buffed & polished            |
| Roughness (Ra)  | 0.6 µm                       |
| Colour          | Deep Blue                    |

## CONSTRUCTION

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

## PHYSICAL PROPERTY

|  |                |
|--|----------------|
| Thickness range                        | 1.93 - 1.98 mm |
| Overall hardness (Shore A)             | 83°            |
| Micro hardness (Shore A)               | 56°            |
| Tensile strength at break              | > 85 N/mm      |
| Elongation at 10 N/mm                  | < 1.2 %        |
| Compressibility indentation at 0.20 mm | 1.57 MPa       |

Kinyo reserve the right to change blanket specifications as required

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JQA-1237



JQA-EM3060

ISO numbers Japan manufacturing plants