

# Air Excel Titan Dual



An innovative offset blanket that uses the unique Kinyo ThermaSphere® compressible layer technology. Designed for use on mixed ink systems, conventional and UV, especially effective on UV metallic inks.

**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.

## SURFACE

|                 |                          |
|-----------------|--------------------------|
| Rubber compound | Conventional and UV inks |
| Surface finish  | Buffed                   |
| Roughness (Ra)  | 0.9 µm                   |
| Colour          | Green                    |

## 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)            | 82°            |
| Micro hardness (Shore A)              | 57°            |
| Tensile strength at break             | > 85 N/mm      |
| Elongation at 10 N/mm                 | < 1.2%         |
| Compressibility Indentation at 0.20mm | 1.57 MPa       |

## BENEFITS

- Suitable for printing where both UV and conventional ink systems are used on the same press or where special / metallic colours are needed on a UV application.
- 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.
- Exceptional ink transfer and sheet release. Suitable for paper, coated board, metal and plastic / polyester printing.

Kinyo reserve the right to change blanket specifications as required

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ISO numbers Japan manufacturing plants