

CONTI-AIR®
the printing champion...



Heat-set

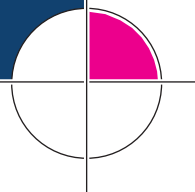
Sheet-fed



...LOVED BY PRINTERS.

Priscolith

CONTI-AIR® UV VIOLET-MB



HC Line (High Compressibility)

MB Line (Metal Back)

TR Line (True Rolling)

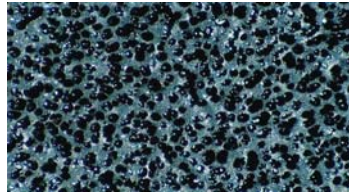
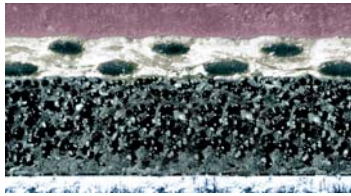
Traditional Line

Continental 
CONTITECH

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CONTI-AIR® UV VIOLET-MB

Compressible steel backed printing blanket with a microground surface for good ink transfer with uniform printing of solids in UV-sheet-fed and UV-web offset printing



CONTI-AIR® printing blankets have a layer of closed microcells which are under positive gas pressure. This innovative concept gives unsurpassed advantages for high quality sheet-fed and web offset printing.

Surface
microground

CONTI-AIR®

Construction and properties

- extremely uniform application-related compressibility with high and precise rebound elasticity thanks to positive gas pressure in closed microcells
- specially vulcanized rubber-to-metal connection between metal supporter and compressible layer
- vulcanized edge sealing

Advantages

- uniform printing over the entire image area even with frequent changes of substrates and formats
- excellent adhesion between individual layers
- maximum dimensional stability and service life

Technical data

Printing surface

Color: black
 Surface hardness (DIN 53505): 62° Shore A
 Hardness whole blanket: 81°
 Roughness Rz (DIN 4768): 4 µm
 Roughness RA (DIN 4768): 0,63 µm

Reverse side
 Stainless steel

Compressible layer

Design: positive gas pressure in closed microcells, precision ground layer
 Compressibility: at 1350 kPa 0,185 mm ± 0,015 mm

Nominal thickness (ISO 12636)
 .064"

Cut sizes / widths
 on demand

Fabric layers

1 precision calendered fabric ply

Adhesion

> 1,5 N/mm (DIN 53354)

Thickness uniformity of cut blankets
 +- .0005"

Paper feed characteristic

neutral

- special construction using only one precision calendered fabric layer
- precision calibrated metal base

- more space for optimized compressibility, smooth paper run, high smash resistance, low sinking
- minimum thickness tolerance allows stable printing conditions

- specially formulated surface compound designed for high mechanical resistance
- surface with UV resistant polymer compound on EPDM basis
- microground surface

- exceptionally long service life thanks to high resistance to edge cutting and image swelling, even for long runs
- excellent surface resistance to swelling caused by UV inks and washes
- controlled dot gain, high dot sharpness, excellent ink transfer, especially adjusted to absorbing and non absorbing substrates

CONTI-AIR® blankets with ground surfaces cover all applications in sheetfed and web offset printing.

CONTI-AIR® blankets are available from printing material suppliers worldwide. ContiTech cooperates with printing material suppliers to provide comprehensive applications guidance locally.

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