

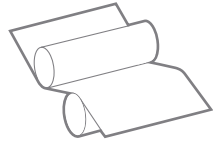
# CHALLENGER

## HEATSET-WEB

## COLDSET-WEB



Web



Microground surface for excellent ink transfer from coated papers to newsprint



High stability carcass for durability and maximum print length



Thick micro sphere compressible layer gives excellent smash resistance and reduced vibration



Waterproofed fabric construction for extended press life

DUCO Creating the image

+44 (0)1753 522274 [www.duco.co.uk](http://www.duco.co.uk)

Printed with DUCO blankets

# CHALLENGER

## TECHNICAL INFORMATION

### Construction

Three-ply compressible 1.70mm

Four-ply compressible 1.96mm

### Surface

Micro ground

### Smoothness

1,0µm

### Compressibility

6,7% @100N/cm<sup>2</sup>

### Micro hardness

71°

### Elongation

<1,0% @20 N/mm

### Shore A hardness

83°

### Tensile Strength

75N/mm

### Nominal thickness

1,70 +0,02mm 0483

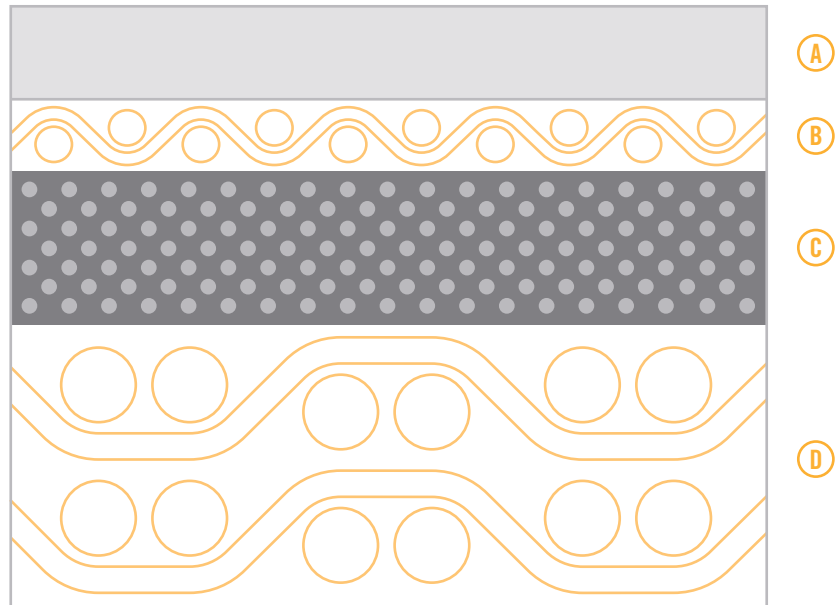
1,96 +0,02mm 0484

### Standard Roll widths

1475, 1680, 1880, 2150mm

### Colour

Turquoise



**A. Micro ground surface**  
excellent print quality on a wide  
range of stocks

**B. High stretch fabric**  
minimal gauge loss at bevel

**C. Thick micro sphere**  
compressible layer- high  
smash resistance absorbs  
vibration

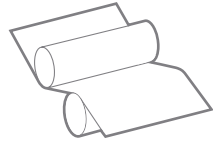
**D. High strength/ low stretch  
fabrics**  
high stability

**E. Waterproofed fabrics**  
for extended press life

# DUCOWEB 170 DUCOWEB 196 HEATSET- WEB COLDSET- WEB



Web



Micro ground surface gives class leading print quality on coated and uncoated papers



Low stretch/high strength carcass gives maximum stability and minimal gauge loss



All new micro sphere compressible layer for consistent high speed performance and high smash resistance



100% waterproofed fabric construction for extended press life

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# DUCOWEB

## TECHNICAL INFORMATION

### Construction

Three-ply compressible 1.70mm  
Four-ply compressible 1.96mm

### Surface

Micro ground

### Smoothness

0,7µm

### Compressibility

6,7% @100N/cm<sup>2</sup>

### Micro hardness

71°

### Elongation

<1,0% @20 N/mm

### Shore A hardness

83°

### Tensile Strength

>75N/mm

### Nominal thickness

1.70 +0.02mm (0914)

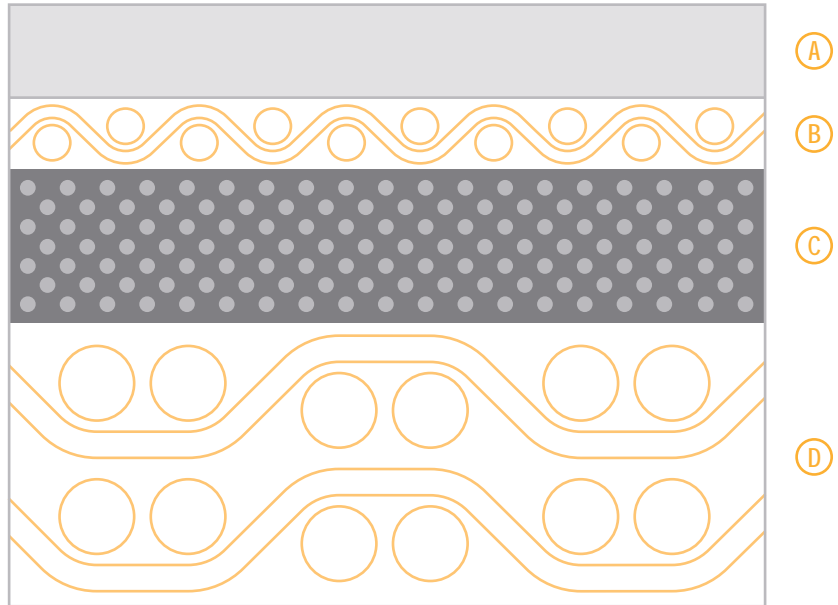
1.96 +0.02mm (0915)

### Standard Roll widths

1475, 1680, 2150mm

### Colour

Blue



**A. Micro ground surface**  
exceptional print quality

**B. High stretch fabric**  
minimal gauge loss at bevel

**C. All new micro sphere  
compressible layer**  
high speed recovery

**D. All new low stretch fabrics**  
minimal gauge loss, high  
stability  
**E. 100% waterproofed fabrics**  
maximum press life



# HEADLINE TECHNICAL INFORMATION

## Construction

Three-ply compressible

## Surface

Micro ground

## Smoothness

1.3µm

## Compressibility

7.2% @ 100 N/cm<sup>2</sup>

## Micro hardness

65°

## Elongation

<1.2% stretch@20N/mm

## Shore hardness

75°

## Tensile strength

>60 N/mm

## Nominal thickness

1.95mm, product 0954

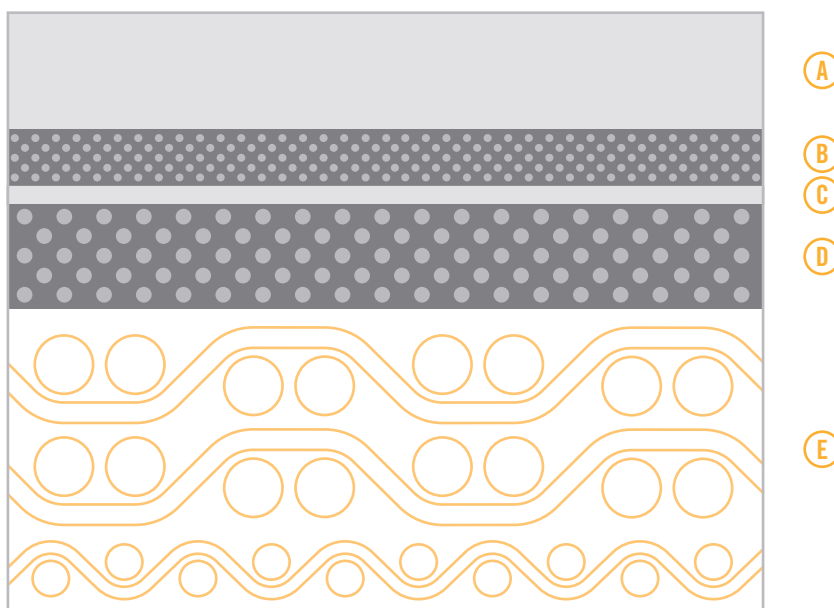
2.10mm, product 0936

## Standard roll width

2100mm

## Colour

Blue



**A. Micro ground surface**  
excellent ink transfer,  
minimises linting

**B. Double micro sphere  
compressible layer**  
optimum contact with  
printing nip without slur

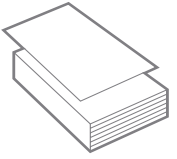
**C. Fibre reinforced layer**  
reduced gauge loss

**D. Thick micro sphere  
compressible layer**  
smash resistance, edge  
marking, accommodate  
severe over pressure in web  
break

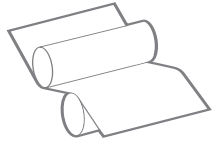
**E. Low stretch fabric**  
added durability, robustness



Sheetfed



Web



Newsprint



# TR TURQUOISE

## SHEETFED, HEAT SET AND COLD SET CONVENTIONAL & UV CURING INKS



Thick micro sphere compressible layer allows good smash recovery and increases durability of blanket



Micro ground surface designed to give excellent ink transfer and sharp half tones over a wide range of printing pressures



Robust carcass construction allows little risk of delamination or cracking at the cylinder bevel



Compatible with a wide range of paper weights and suitable for use with all conventional and most uv curing inks

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Printed with DUCO blankets

# TR TURQUOISE

## TECHNICAL INFORMATION

### Construction

Three-ply compressible

### Surface

Micro ground

### Smoothness

1.0µm

### Compressibility

6.5% @ 100 N/cm<sup>2</sup>

### Microhardness

68°

### Elongation

<1.4% stretch @20N/mm

### Shore hardness

76°

### Tensile Strength

>60 N/mm

### Nominal thickness

1.68mm, product 0413

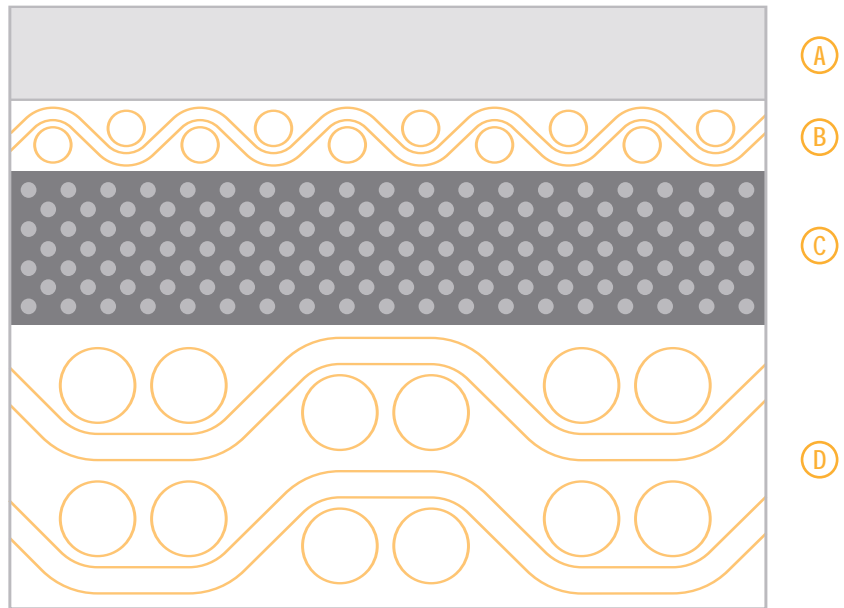
1.95mm, product 0414

### Standard roll widths

1475, 1680, 1880, 2150, 2350mm

### Colour

Turquoise



**A. Micro ground surface**  
excellent ink transfer, sharp  
half tones

**B. High quality stabilising  
fabric**  
provides extra robustness

**C. Thick micro sphere  
compressible layer**  
excellent smash recovery,  
durability

**D. Dense low stretch fabric**  
provides extra stability to  
the blanket