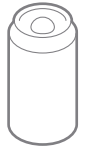


METAL 1 THREE PIECE METAL DECORATION & SHEETFED CONVENTIONAL INKS



.....
Metal



Dedicated to meet the needs of metal decorators using conventional oven dried inks



Specially developed micro ground surface gives optimum ink film thickness and dense solids without the loss of dot sharpness or reverse line detail on tin plate or aluminium



Micro sphere compressible layer will compensate for over pressure frequently encountered in older presses



Suitable for all printing presses including Crabtree and Mailander with a pre-fitted aluminium slave bar

DUCO Creating the image

+44 (0)1753 522274 www.duco.co.uk

Printed with DUCO blankets

METAL 1

TECHNICAL INFORMATION

Construction

Four-ply compressible

Surface

Micro ground

Smoothness

0.8µm

Compressibility

6.5% @ 100 N/cm²

Micro hardness

65°

Elongation

<1.4% stretch@20N/mm

Shore hardness

76°

Tensile strength

>60 N/mm

Nominal thickness

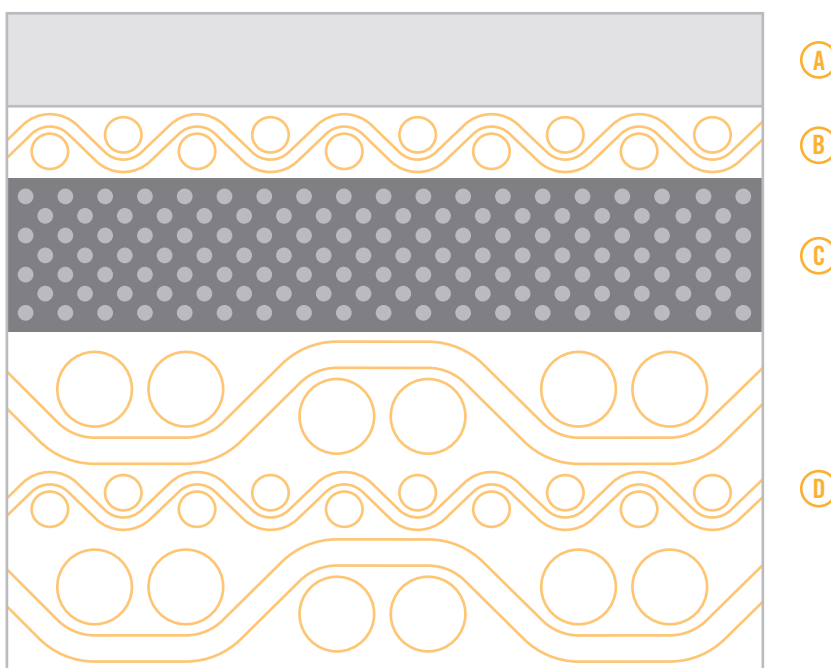
1.95mm, product 0322

Standard roll widths

2100, 2300mm

Colour

Red



A. Micro ground surface
optimum ink film thickness,
dot sharpness

B. Stabilising fabric
high quality and durable,
provides extra robustness

C. Micro sphere
compressible layer
compensates for over
pressure

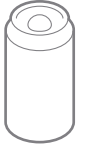
D. Dense low stretch fabric
provides extra stability to
the blanket

METAL 2

TWO PIECE METAL DECORATION CONVENTIONAL INKS ADHESIVE BACKED



.....
Metal



Micro ground nitrile polysulphide surface is suitable for varnish free polyester inks and gives minimal dot gain and reverse line detail at all operating speeds



Micro sphere compressible layer and micro ground surface provides durability and eliminates surface swelling



Specially designed blanket for use on Rutherford, Ragsdale and Crown two piece can decorators



High shear strength adhesive coating allows for repeat runs with a quick and easy drum preparation. Pre-coated adhesive also gives total blanket stability and virtually eliminates the risk of adhesive remaining on the blanket cylinder

DUCO Creating the image

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Printed with DUCO blankets

METAL 2

TECHNICAL INFORMATION

Construction

Three-ply compressible
Adhesive backed

Surface

Micro ground

Smoothness

1.0µm

Compressibility

6.5% @ 100 N/cm²

Micro hardness

69°

Shore hardness

76°

Nominal thickness

1.95mm, product 0409

Adhesive loop tack

>20 N/25mm²

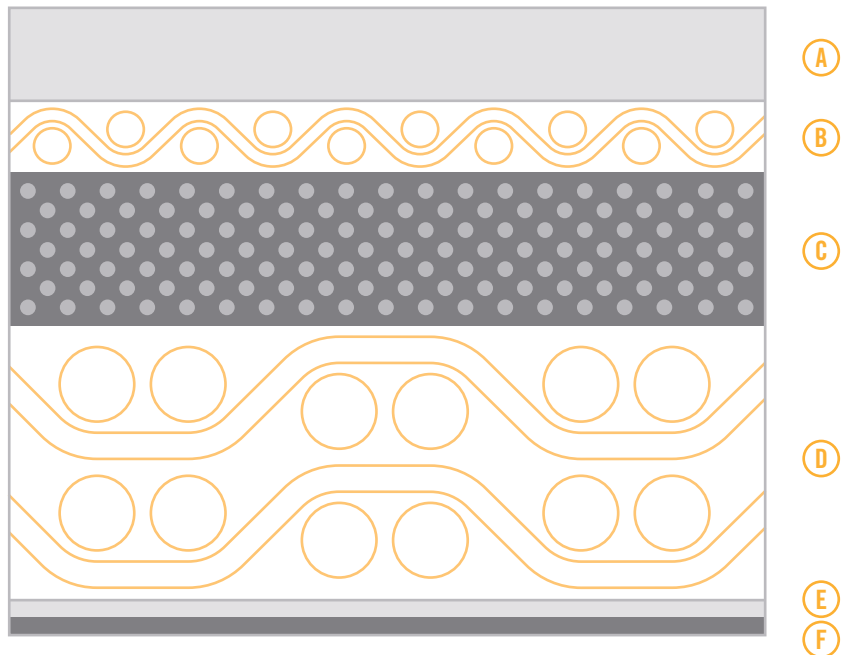
Adhesive shear strength

>25 N/cm²

Bespoke cut sizes, gauged and sorted to provide a maximum gauge variation of +0.01 per pack. Pack size 8-50 blankets as requested

Colour

Turquoise



A. Micro ground surface
minimal dot gain, dense even solids, fine reverse line detail, eliminates surface swelling

B. Stabilising fabric
high quality, provides extra robustness

C. Micro sphere compressible layer
adds to durability of blanket

D. Dense low stretch fabric
absorbs adhesive residue

E. Acrylic adhesive
added stability at speeds in excess of 2,000cpm; minimises adhesive residue on blanket drum

F. Release film
for easy peel

METAL 3 THREE PIECE METAL DECORATION & SHEETFED UV CURING INKS



.....
Metal



Specially designed four ply blanket construction to meet the needs of metal decorators using uv curing inks



Micro ground EPDM surface gives sharp dot reproduction and open reverse line detail



Specially designed surface layer also gives optimum ink transfer and no surface embossing



Micro sphere compressible layer will compensate for over pressure frequently encountered with older presses



Suitable for all printing presses including Crabtree and Mailander by pre-fitted aluminium slave bar

DUCO Creating the image

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METAL 3

TECHNICAL INFORMATION

Construction

Four-ply compressible

Surface

EPDM micro ground

Smoothness

0.8µm

Compressibility

6.9% @ 100 N/cm²

Micro hardness

67°

Elongation

<1.4% stretch@20N/mm

Shore hardness

76°

Tensile strength

>60 N/mm

Nominal thickness

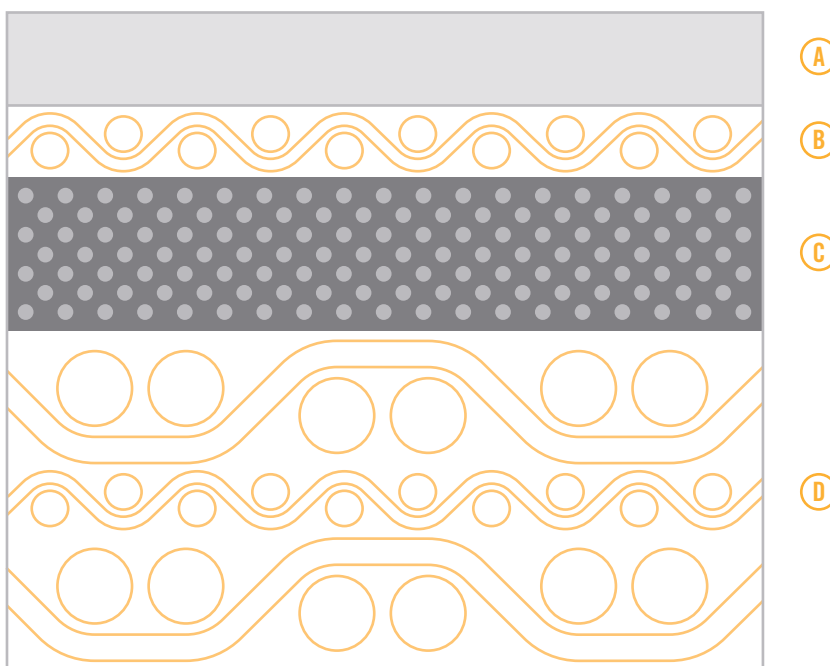
1.95mm, product 0324

Standard roll widths

2100, 2300mm

Colour

Orange



A. EPDM micro ground surface

sharp dot reproduction, open reverse line detail

B. Stabilising fabric

high quality and durable, provides extra robustness

C. Micro sphere compressible layer

compensates for over pressure

D. Dense low stretch fabric

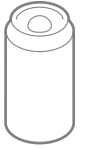
provides extra stability to the blanket

METAL 2A

TWO PIECE METAL DECORATION UV CURING & POLYESTER INKS ADHESIVE BACKED



.....
Metal



Micro ground surface and thick compressible layer gives minimal dot gain, reverse line detail and dense solids at optimum operating speeds



EPDM surface provides resistance to varnishable polyester inks and eliminates surface embossing which increases durability



Specially designed for use on Rutherford, Ragsdale and Crown two piece can decorators



High shear strength acrylic adhesive coating allows for repeat runs and gives total blanket stability. Coating also allows easy drum preparation and virtually eliminates adhesive residue

DUCO Creating the image

+44 (0)1753 522274 www.duco.co.uk

Printed with DUCO blankets

METAL 2A

TECHNICAL INFORMATION

Construction

Three-ply compressible adhesive backed

Surface

EPDM micro ground

Smoothness

1.0µm

Compressibility

6.2% @ 100 N/cm²

Micro hardness

68°

Adhesive loop tack

>20 N/25mm²

Adhesive shear strength

>25 N/cm²

Nominal thickness

1.95mm, product 0408

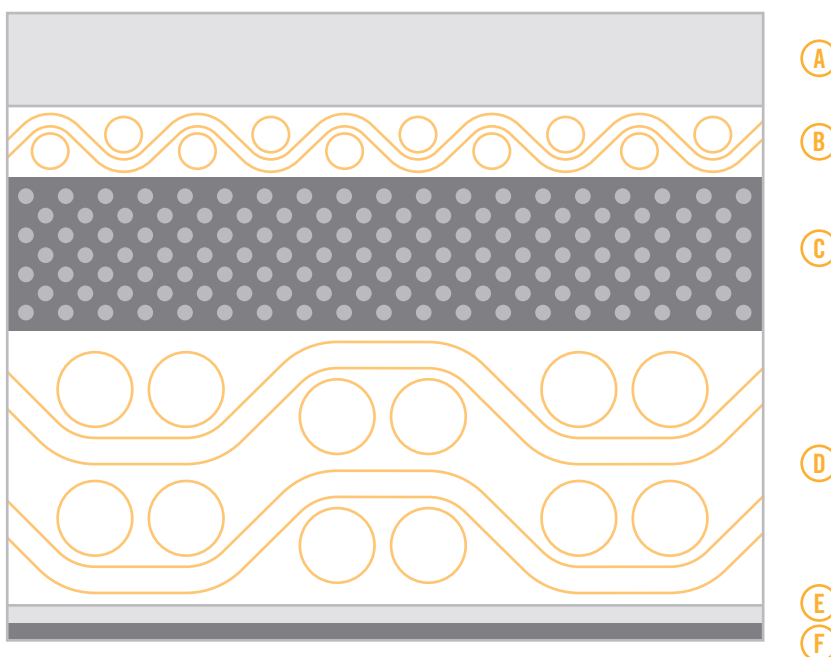
Shore hardness

75°

Colour

Orange

Bespoke cut sizes, gauged and sorted to provide a maximum **gauge variation** of +0.01 per pack. Pack size 8-50 blankets as requested



A. EPDM micro ground surface
minimal dot gain, dense solids, surface embossing

B. Stabilising fabric
high quality, provides extra robustness

C. Micro sphere compressible layer
adds to durability of blanket

D. Dense low stretch fabric
absorbs adhesive residue

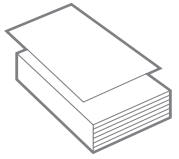
E. Acrylic adhesive
stability at decorator speeds in excess of 2,000cpm

F. Release film
for easy peel

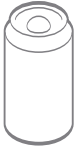


UV COMPRESSIBLE SHEETFED, THREE PIECE CAN, CARTONS AND PLASTIC UV CURING INKS

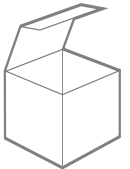
Sheetfed



Metal



Cartons



Plastic



Dedicated EPDM surface is formulated to resist chemical attack and swelling caused by uv curing inks



Specially designed micro ground surface gives sharp print quality and excellent sheet release in a wide range of materials



Thick micro sphere compressible layer provides blanket durability and proven smash resistance



Micro ground blanket surface reduces paper linting and board delamination

DUCO Creating the image

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Printed with DUCO blankets

UV COMPRESSIBLE

TECHNICAL INFORMATION

Construction

Three-ply compressible

Surface

EPDM micro ground

Smoothness

0.7µm

Compressibility

6.0% @ 100 N/cm²

Micro hardness

65°

Elongation

<1.4% stretch @20N/mm

Shore hardness

76°

Tensile Strength

>60 N/mm

Nominal thickness

1.68mm, product 0481

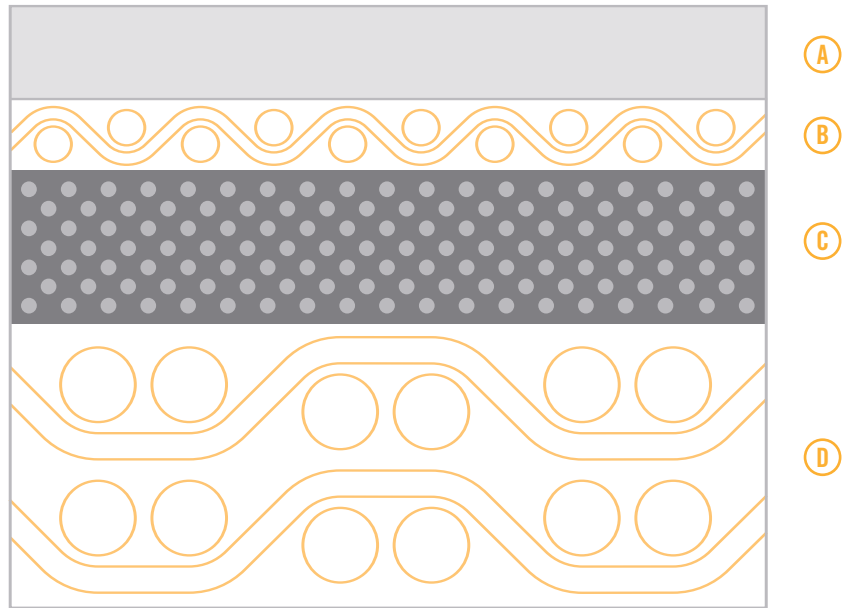
1.95mm, product 0482

Standard roll widths

1475, 1680, 1880, 2150, 2350mm

Colour

Orange



A. EPDM micro ground surface

dedicated to uv curing inks, sharp print quality, excellent sheet release, resistance to chemical attack

B. Stabilising fabric

provides extra robustness

C. Micro sphere compressible layer

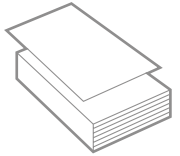
excellent smash recovery, durability

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

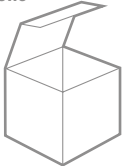
SUPERFLEX SHEETFED CONVENTIONAL AND UV INKS



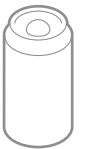
Sheetfed



Cartons



Metal



High compressibility blanket designed specifically for use with all grades of micro-fluted corrugated board and carton



Unique super thick compressible layer allows for the blanket to follow the contours of the substrate, resulting in exceptional print quality and eliminates flute shadow



Specially formulated micro ground surface layer gives unbeatable sharp dot reproduction



Reduced fabric construction gives excellent smash resistance and a prolonged blanket life



Standard gauge means no need to adjust or replace packings for conventional board

DUCO Creating the image

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SUPERFLEX

TECHNICAL INFORMATION

Construction

Two-ply compressible

Smoothness

0.7µm

Compressibility

9% @ 100 N/cm²

Micro hardness

62°

Shore hardness

65°

Nominal thickness

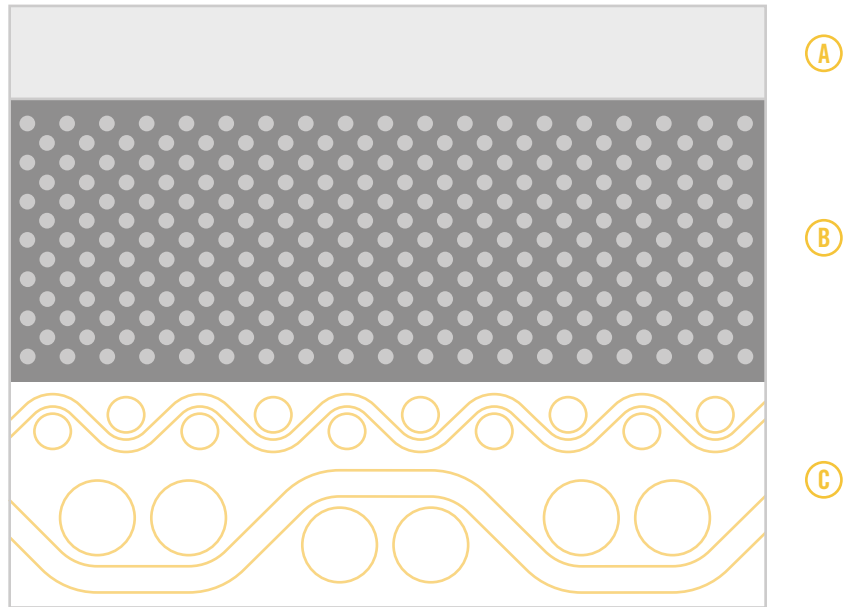
1.95mm

Standard roll widths

1550, 1850, 2100, 2300mm

Colour

Grey



A. Micro ground surface layer compatible with UV and conventional inks

C. Stable high strength fabric prolongs the blanket life

B. Super thick compressible layer allows contouring of the substrate giving consistent exceptional print quality