



2022 TRIMS & TECH FABRICS

MADE IN ITALY SINCE 1920

MAB HISTORY

MAB history begins in the 1920's, as a family owned hi-end artisan shop, focused on the creation of woven narrow fabric for hats; it became a small factory & grew to industry as nowadays.

It's always been a company with a great ability to adapt, evolving to satisfy market changes.

It's now the 4^o generation to lead the play.

As insider on different sectors and segments, we were able to provide the best purposes and innovations in our field.

Now we are considered a cutting edge company, unique: we grew together with market players worldwide.

Our know how is specialized for every sector : a blend of textile expertise with technologic and mechanical innovations.

MAB worldwide sales network supplies you wherever you are, following your vision, strenghtening the visual impact, enhancing the funtion of your product.

SUSTAINABILITY & PROCESS

We work to make the best use of earth resources. MAB invested to reduce the environment impact to minimum.

- **CHP // COMBINED HEAT AND POWER:** Generate electricity for mechanical power and using the heat for our dyehouse waters. Producing our own electricity from natural gas: **122'000 KW/year**
- **PHOTO VOLTAIC PANELS :** The sun is our ally in powering our machines and factories. Our roofs are coated by solar panels. **80'000 KW/year**
- **WATER MANAGEMENT:** recycling the waste water to clean and reuse for dyeing processes
In recent years we have reduced our water consumption and CO2 emissions by 80%.
- **HEAT RECOVERY:** Our goal is to achieve impact zero for winter heating; we make improvements every year towards this goal.
- **WATER FOR DYEING:** Every day special care to optimize the consumption of water.
- **RESOURCES – ENERGY SAVING & WASTAGE :** We have reduced our consumption by 50% in the last four years.
- **KM 0 – Vertical management.** Our plant departments are in the same facility and no impact on transports between each production stage. We select raw materials suppliers the closest to our factory to reduce shipping costs and environmental impact.

Factory

*Research of new and sustainable materials
Yarns & elastane coating
Beams set-up
Warping
Knitting and weaving technologies
Engineered warp-knit or Jacquard
Large bulk productions capability*

Dyehouse

*Lab dipping & colormatching
Small dyelots & bulk productions
Special finishing
Custom treatments
Lab quality testing (oekotex 100)*

Silicone printing

*Certified quality
Screen & continuous
Cover or allover coating
Custom logos or patterns
Exclusive developments*



ART. WOL1/50

WOOL KNITTED ELASTIC

Structure : Knitted

Composition: 30% wool 40% pe
30% rec ea

Weight : 16 grams/lmt – 320 gsm

Width: 50mm – or custom

Stretch : 100%

Details

Natural wool mesh and recycled Polyester.
Idrophobic, good wicking, printable sublimation

End use

Base/mid layer
Best use as shoulder strap for cycling bibshorts, for
fitness bra, arm warmers

Features



Insulation



Moisture management



Quick drying



Non curling



Recycled yarn

CO2 emissions: low



ART. LINE/45

RIVER AIR FLOWING

Structure : WOVEN

Composition: 80% PE (REC) 20 EA

Weight : 16 grams/lmt – 320 gsm

Width: 50mm – or custom

Stretch : 100%

Details

Woven recycled Polyester. Wicking channels, soft and fresh handfeel. Printable or black

End use

Base/mid layer

Best use as shoulder strap for cycling bibshorts, for fitness bra, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Recycled yarn



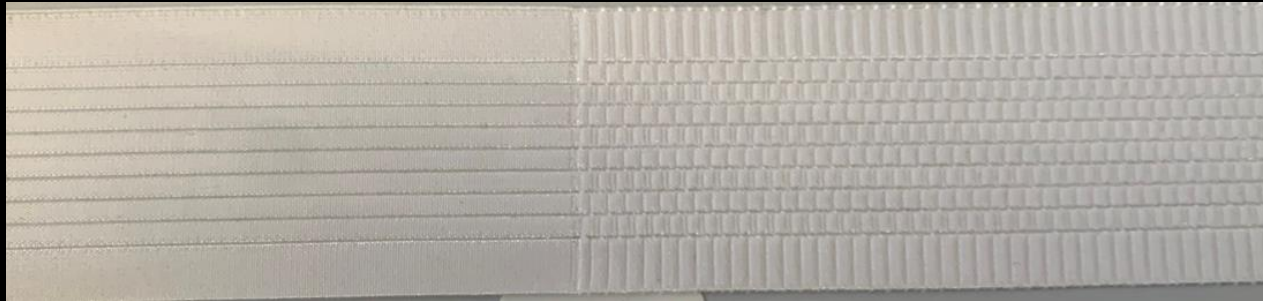
Soft



Extra comfort

ART. DUO/45

3D DOUBLE STRETCH REPEAT



Structure : WOVEN

Composition: 80% PE 20 EA

Weight : 20 grams/lmt

Width: 45mm

Stretch : 100% and 50% together

Details

Woven 3D structures to differentiate the stretch of repeats. Base as BEST or LINE modified.

End use

Base/mid layer

Best use as shoulder strap for cycling bibshorts, for fitness bra, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



ART. BEST/45

WOVEN COMPRESSIVE

Structure : WOVEN

Composition: 80% PE (REC) 20 EA

Weight : 16 grams/lmt – 320 gsm

Width: 45mm

Stretch : 100%

Details

Woven recycled Polyester. Silky handfeel, comfort soul and compressive. Printable or black, Extras add on : with silicone grip, embossing, reflective

End use

Base/mid layer
Shoulder strap for cycling bibshorts, jerseys, or gripper, fitness bra, waistband.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Recycled yarn



Soft



Extra comfort



ART. BEJA/45

WOVEN COMPRESSIVE

Structure : WOVEN

Composition: 80% PE (REC) 20 EA

Weight : 16 grams/lmt – 320 gsm

Width: 45mm

Stretch : 100%

Details

Woven recycled Polyester or Nylon. Silky handfeel, comfort soul and compressive. Custom color logo combination . Extras add on : silicone grip.

End use

Base/mid layer
Shoulder strap for cycling bibshorts, jerseys, or gripper, fitness bra, waistband.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Recycled yarn



Soft



Extra comfort





ART. 2015/45

WOVEN MID POWER

Structure : WOVEN

Composition: 80% PE (REC) 20 EA

Weight : 23 grams/lmt – 320 gsm

Width: 45mm

Stretch : 100%

Details

Woven recycled Polyester. Silky handfeel, comfort soul and medium compressive. Printable or black, Extras add on : woven logo, silicone grip, embossing, reflective

End use

Base/mid layer
Shoulder strap for cycling bibshorts, jerseys, or gripper, fitness bra, waistband.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Recycled yarn



Soft



Extra comfort



ART. EK01/45

RECYCLED WOVEN



Structure : WOVEN

Composition: 80% PE (REC) 20 EA

Weight : 16 grams/lmt – 320 gsm

Width: 50mm – or custom

Stretch : 100%

Details

Woven recycled Polyester, degradable elastane
Black only.

End use

Base/mid layer
Best use as shoulder strap for cycling bibshorts, for
fitness bra, jerseys.

CO2 EMISSIONS: LOW

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Recycled yarn



Soft



Extra comfort



ART. BRAL/45

WOVEN POWER COMPRESSIVE

Structure : WOVEN

Composition: 80% PA 20 EA

Weight : 20 grams/lmt – 320 gsm

Width: 25, 45mm or custom

Stretch : 100%

Details

Woven PA full Dyed. Silky handfeel, comfort soul and power stretch. Custom colors – lab dipping required
Extras add on : with silicone grip, embossing, reflective

End use

Base/mid layer
Shoulder strap for cycling bibshorts, jerseys, or gripper, fitness bra, waistband.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



ART. VITA

WOVEN FASHION & PERFORMANCE

Structure : WOVEN

Composition: 80% PA 20 EA

Weight : 20 grams/lmt – 320 gsm

Width: 25,30,35,40,45,55mm

Stretch : 100%

Details

Woven PA full Dyed. Silky handfeel, comfort and durability. Custom colors – lab dipping required
Extras add on : with silicone grip, embossing, reflective

End use

Base/mid layer
Shoulder strap for cycling bibshorts, jerseys, or gripper, fitness bra, waistband.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



ART. VITA TYRE RECYCLE

WOVEN FASHION & SUSTAINABILITY

Structure : WOVEN

Composition: 80% PA 20 EA

Weight : 20 grams/lmt – 320 gsm

Width: 25,30,35,40,45,55mm

Stretch : 100%

Details

Made with cars & trucks scrap tyres - recycled
BASF Ccycle yarn post C2

FULL BLACK. Silky handfeel, comfort and durability.
Extras add on : with silicone grip or embossing

End use

Base/mid layer
Shoulder strap for cycling bibshorts, jerseys, or
gripper, fitness bra, waistband.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Recycled yarn



Soft



Extra comfort



ART. 725/45

MESH AIR FLOW

Structure : KNITTED

Composition: 80% PE (REC) 20 EA

Weight : 16 grams/lmt – 320 gsm

Width: 45mm – or custom

Stretch : 100%

Details

Knitted – custom width wide and narrow.
Recycled PES and degradable Elastane

End use

Base/mid layer
Best use as shoulder strap for cycling bibshorts, for
fitness bra, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



ART. PIUMA 2061

10 GR AIR MAX

Structure : KNITTED

Composition: 80% PE (REC) 20 EA

Weight : 10 grams/lmt – 320 gsm

Width: 45mm – or custom

Stretch : 100%

Details

Superlight Knitted – 45mm or custom width
Recycled PES and Elastane

End use

Base/mid layer
Best use as shoulder strap for cycling bibshorts, for
fitness bra, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



ART. 728/50

3D SUPER FLAT

Structure : KNITTED

Composition: 80% PE (REC) 20 EA

Weight : 15 grams/lmt – 320 gsm

Width: 50mm – or custom

Stretch : 100%

Details

Superflat Knitted – 45mm or custom width
Recycled PES and Elastane

End use

Base/mid layer
Best use as shoulder strap for cycling bibshorts, for
fitness bra, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



ART. NET2/45

POWER MESH AIR FLOW

Structure : KNITTED

Composition: 80% PE (REC) 20 EA

Weight : 19 grams/lmt

Width: 45mm – or custom

Stretch : 100%

Details

Knitted POWER MESH – printable with sublimation with max definition

End use

Base/mid layer

Best use as shoulder strap for cycling bibshorts, for fitness bra, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



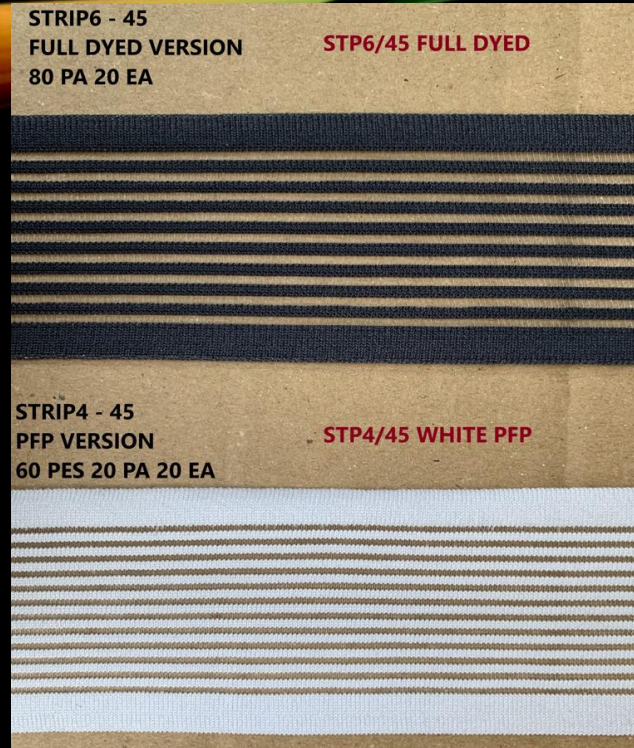
Non curling



Soft



Extra comfort



ART. STP4/45

OPEN FISHNET STRUCTURE

Structure : KNITTED

Composition: 80% PE (REC) 20 EA

Weight : 16 grams/lmt – 320 gsm

Width: 45mm – or custom

Stretch : 100%

Details

Knitted – ultralight with max power fishnet structure
Available in full black or white pfp

End use

Base/mid layer
Best use as shoulder strap for cycling bibshorts, for fitness bra, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



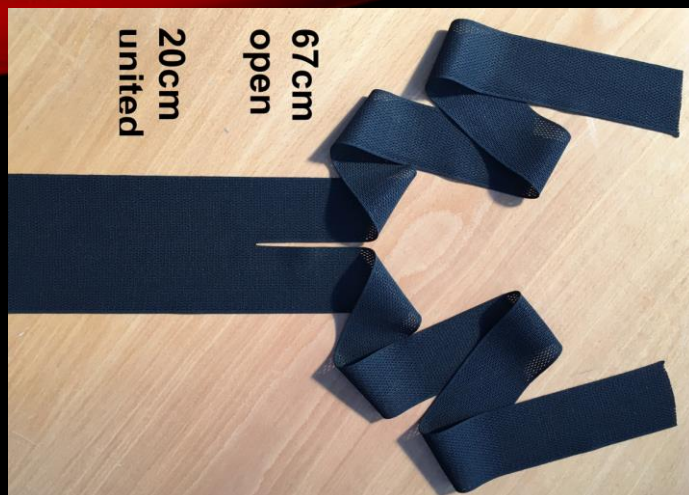
Non curling



Soft



Extra comfort



ART. V725/100

VIPER STRAPS PACK

Structure : KNITTED

Composition: 80% PE (REC) 20 EA

Weight : 16 grams/lmt – 320 gsm

Width: 90mm (45mm+45mm)

Stretch : 100%

Details

Knitted – mesh for bibshorts straps
Customizable repeat and design
Available in full black or white for print

End use

Base/mid layer
Best use as shoulder strap for cycling bibshorts, for fitness bra

Features



Quick drying



Hydrophilic



Moisture management



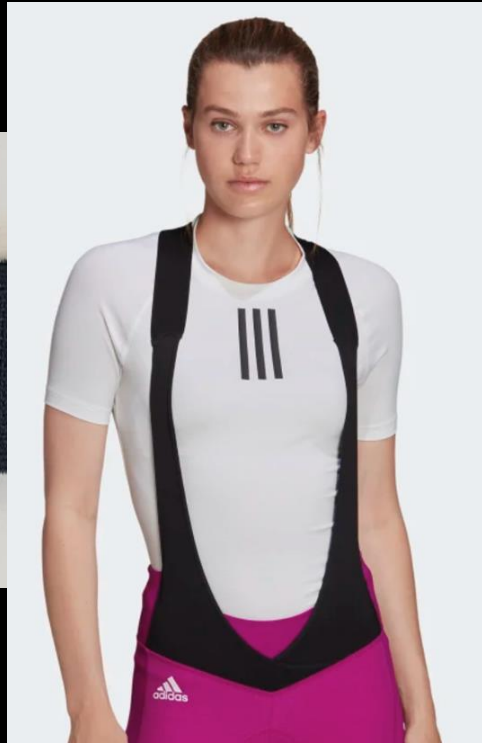
Non curling



Soft



Extra comfort



ART. WAVE/4535

DOUBLE WIDTH ELASTIC

Structure : KNITTED

Composition: 80% PE (REC) 20 EA

Weight : 16 grams/lmt – 320 gsm

Width: 50mm – or custom

Stretch : 100%

Details

Knitted – mesh for bibshorts straps
Recycled PES and degradable Elastane

End use

Base/mid layer
Best use as shoulder strap for cycling bibshorts, for fitness bra, jerseys.

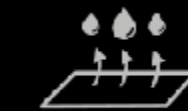
Features



Quick drying



Hydrophilic



Moisture management



Non curling



Recycled yarn



Soft



Extra comfort



ART. VIPER WAVE

VIPER STRAPS PACK

ENGINEERED REPEAT WIDTH

Structure : KNITTED - engineered

Composition: 80% PE or PA 20 EA

Weight : 35 grams/lmt

Width: 90mm (45mm+45mm)

Stretch : 100%

Details

Knitted – special structure for compression wear, cycling, yoga and athleisure.

Customizable repeat and engineered width
Available in full black or white for print

End use

Base/mid layer
Best use as shoulder strap for cycling bibshorts, for fitness bra

Features



Quick drying



Hydrophilic



Moisture management



Non curling



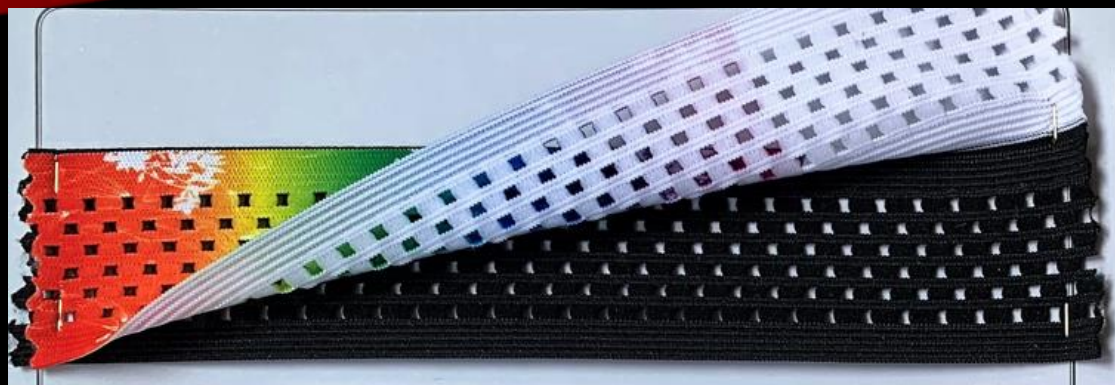
Soft



Extra comfort



4 way stretch



ART. NUNO/100

FOLDABLE POWER MESH

Structure : KNITTED

Composition: 80% PE 20 EA

Weight : 25 grams/lmt

Width: 90mm (45mm+45mm)

Stretch : 80%

Details

Knitted – foldable printable mesh for running shorts
Available in full black or white for print

End use

Base/mid layer
Best use as waistband for running shorts

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



ART. P022/700SS ART. OPAZ/700SS CLEAN CUT FABRIC

Structure : fabric

Composition: 80 PA REC 20 EA

Weight : 210 gsm

Width: 700mm + 5 cm silicone on both edges

Stretch : 80€

Details

4 way stretch fabric circular (P022) or warp knit (OPAZ).
Special clean cut with exclusive cutting machine
Extreme clean edge and precision of gripper. Recycled version available

End use

Bibshort gripper, speed suits, triathlon suits

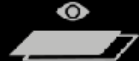
Features



Non curling



Recycled yarn



Excellent coverage



UV protection



Extra comfort



Shape retention



Perfect fit



Muscle control



4 way stretch



Quick drying



Breathable



Hydrophilic

CO2 emissions:



THE KITCHEN OF CUSTOM FABRIC GRIPPER

- 1 - SELECT YOUR PREFERRED FABRIC
- 2 - SET THE WIDTH
- 3 - SET THE SILICONE PRINT POSITION
- 4 - SET THE SILICONE PRINT STYLE

ENJOY THE PERFECT CLEAN CUT

Details

4 way stretch fabric up to your choice
Special clean cut with exclusive cutting machine
Extreme clean edge and precision of gripper. Recycled version available

End use

Bibshort gripper, speed suits, triathlon suits

Features



Non curling



Recycled yarn



Excellent coverage



UV protection



Extra comfort



Shape retention



Perfect fit



Muscle control



4 way stretch



Quick drying



Breathable



Hydrophilic

ART. EDGE GRIP CLEAN CUT FABRIC

Structure : fabric

Composition: up to your choice

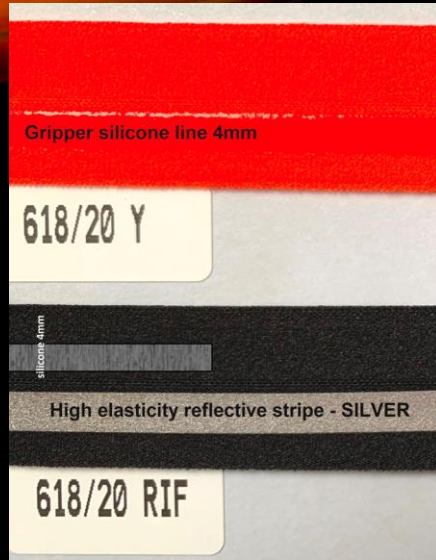
Weight : from 150 to 380 gsm

Width: custom

Stretch : according to fabric

CO2 emissions:





ART. 5618/20 BEST SELLER FOLDOVER

Structure : WOVEN + ADHESIVE

Composition: 60 PA% 20 PES 20 EA

Weight : 3,6 grams/lmt – 320 gsm

Width: 20mm , 35mm

Stretch : 100%

Details

Lightweight woven binding made with 20% yarndyed PES component to reduce the use of water and dyeing, finishing. Maximum color fastness.

- **Available in colors too. Lab dipping required**
- **Add ons: silicone, reflective, embossing**

End use

To edge sleeves, cuffs, or clean cut ends.

For brands looking for the ultimate edging quality with low waste & CO2 emissions

Features



Recycled yarn



Non curling



Extra comfort



Quick drying





ART. EK02/20 SEWFREE

RECYCLED BINDING + SUSTERRA BIO-BASED ADHESIVE

Structure : WOVEN + ADHESIVE

Composition: 80% PE (REC) 20 EA

Weight : 3,6 grams/lmt – 320 gsm

Width: 20mm

Stretch : 100%

Details

Lightweight woven binding made of recycled yarn from plastic bottles and biodegradable elastomer. Backside bio-based adhesive made with susterra by Bemis, a plant-based adhesive derived from corn, 100% renewably sourced.

- **Available without glue too.**

End use

To edge sleeves, cuffs, or clean cut ends.

For brands looking for the ultimate component for eco-friendly sportswear, USDA certified. It's a commitment to deliver safe, low CO2 emissions and sustainable products.

Features



Recycled yarn



Non curling

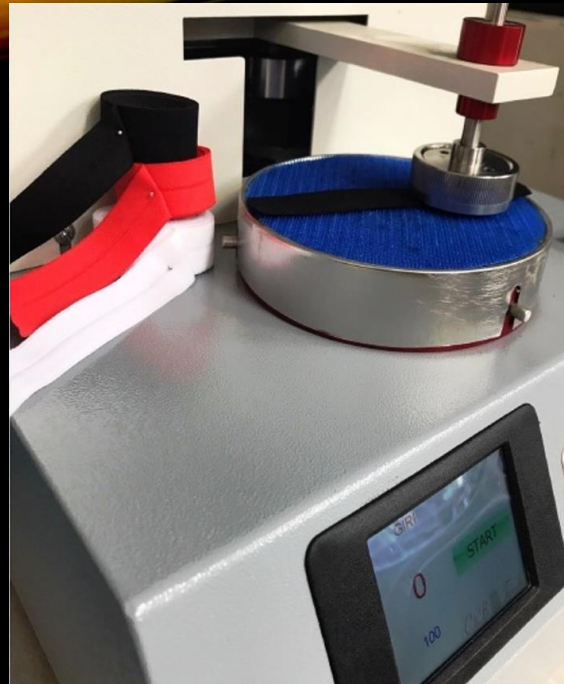


Extra comfort



Quick drying





ART. 5691/20 VELCROPROOF BINDING

Structure : WOVEN

Composition: 80% PE (REC) 20 EA

Weight : 8 grams/lmt – 400 gsm

Width: 20mm – or custom

Stretch : 100%

Details

Woven binding with special structure for maximum pilling and abrasion resistance, to reinforce every edge of your garment.

End use

Base/mid layer
Best use as fold-over for cuffs, neck, no sleeve vest, rain/wind vest.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



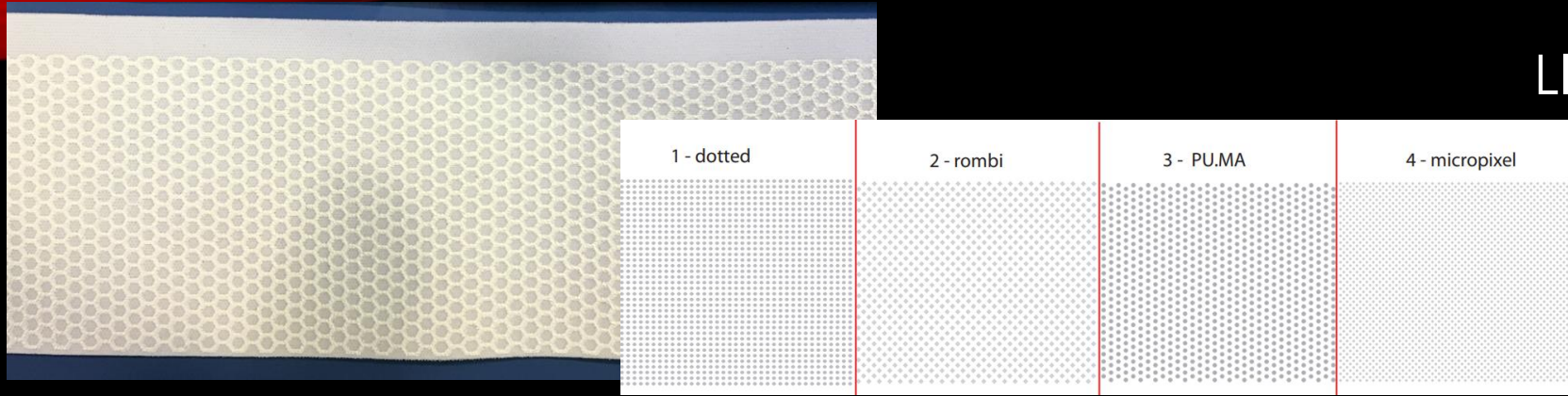
Recycled yarn



Soft



Extra comfort



ART. PE22

LIGHTWEIGHT CLEAN CUT PRINTABLE TAPE

Structure : circular knitted

Composition: 80% PE (REC) 20 EA

Weight : 250 gsm

Width: custom

Stretch : 100%

Details Clean cut circular warp knit fabric
Virgin PES or Recycled household waste / plastic bottles

No water waste. Lowest wastage & maximum flexibility. Low CO2 emissions

Flexibility: Silicone gripper cover to desired widths 30-40-45-50-65-75-100-110mm and more.

End use

Base/mid layer
Best use as gripper bibshorts, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Recycled yarn



Soft



Extra comfort



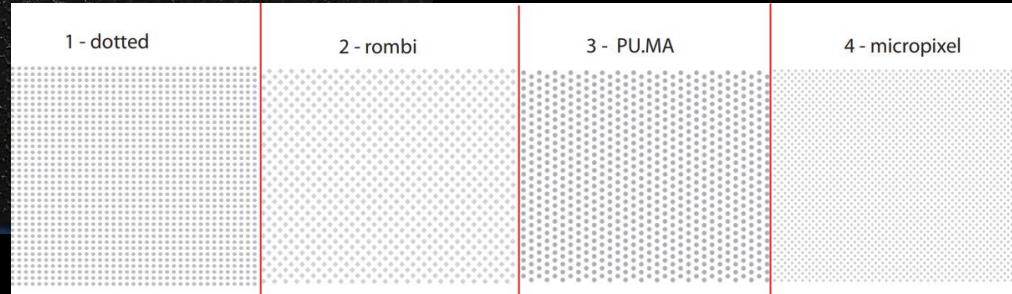
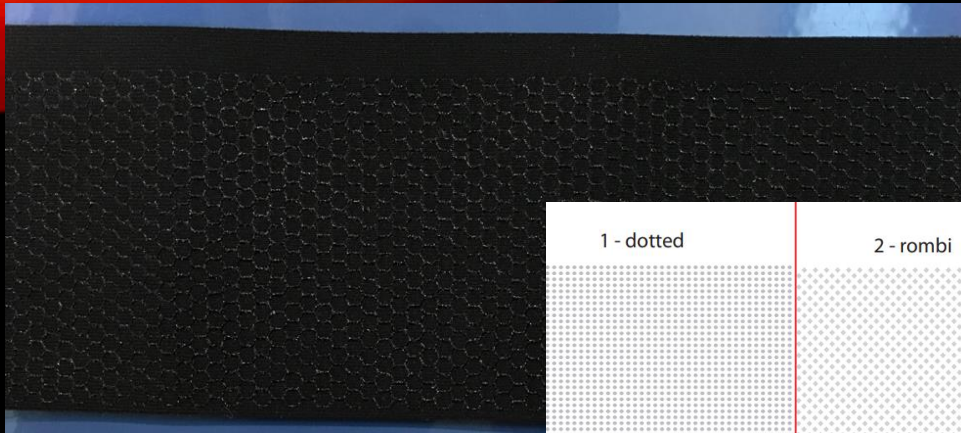
UV protection



Muscle control



ART. P022 LIGHTWEIGHT CLEAN CUT BLACK



Structure : circular knitted

Composition: 80% PA (REC) 20 EA

Weight : 210 gsm

Width: custom

Stretch : 100%










Details Clean cut circular warp knit fabric
Virgin PES or Recycled household waste / plastic bottles

No water waste. Lowest wastage & maximum flexibility. Low CO2 emissions

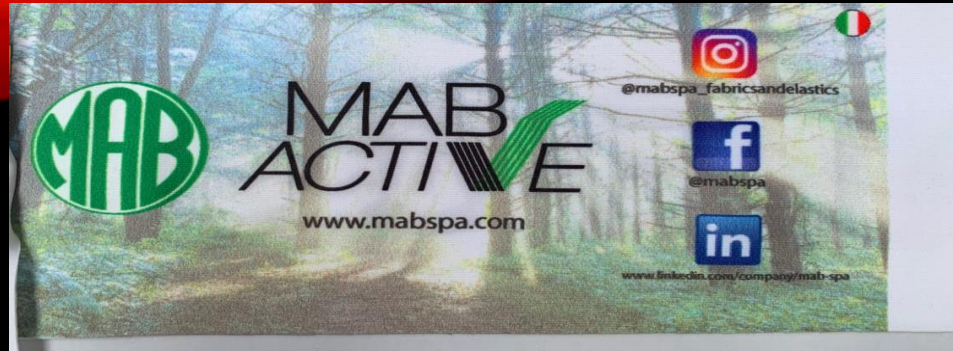
Flexibility: Silicone gripper cover to desired widths 30-40-45-50-65-75-100-110mm and more.

End use
Base/mid layer
Best use as gripper bibshorts, jerseys.

Features

-  Quick drying
-  Hydrophilic
-  Moisture management
-  Non curling
-  Recycled yarn
-  Soft
-  Extra comfort
-  UV protection
-  Muscle control





ART. BE27

CLEAN CUT PRINTABLE TAPE

Structure : scuba knitted

Composition: 80% PE (REC) 20 EA

Weight : 330 gsm

Width: custom

Stretch : 100%

Details (recycled version under testing process – now available in virgin PES)

Clean cut scuba double warp knit fabric
Virgin PES or Recycled household waste / plastic bottles

No water waste. Lowest wastage & maximum flexibility. Low CO2 emissions

End use

Base/mid layer

Best use as for cuffs, gripper bibshorts, jerseys. No silicone version for bibshort straps too.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Recycled yarn



Soft



Extra comfort



UV protection



Muscle control





ART. B027

CLEAN CUT CONTINUOUS DYEING

Structure : scuba knitted

Composition: 80% PA (REC) 20 EA

Weight : 315 gsm

Width: custom

Stretch : 100%

Details (recycled version under testing process – now available in virgin PA)

Clean cut scuba double warp knit fabric
Virgin PA or Recycled scrap tyres

Dyeing of small widths like 30,40,45mm directly.
Lab dipping stage required
No water waste. Lowest wastage % maximum flexibility. Low CO2 emissions

End use

Base/mid layer
Best use as cuffs, gripper bibshorts, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Recycled yarn



Soft



Extra comfort

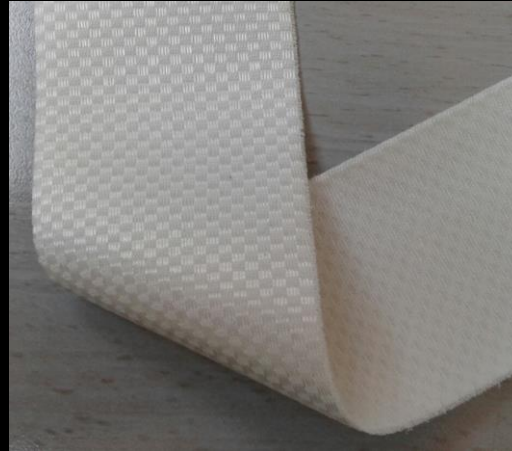


UV protection



Muscle control





ART. TP01

SILICONE FREE GRIPPER CHECQUERED

Structure : Tronic warp knitted

Composition: 80% PE Coolmax
20 EA ROICA (degradable)

Weight : 285 gsm

Width: 50mm 75mm

Stretch : 100%

Compression 4 way stretch warp knit elastic, with exposed elastane gripping technology

Coolmax white for print or black + roica V550 degradable elastane.

No water waste for finishing – dry finished
Low CO2 emissions

End use

Suitable for most sensible skin type.
Best use as for straps, leg gripper bibshorts, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



UV protection



Muscle control

ART. TEVO

POWER SILICONE FREE GRIPPER CHECQUERED

Structure : Tronic warp knitted

Composition: 80% PE Coolmax
20 EA ROICA (degradable)

Weight : 320 gsm

Width: 45mm 75mm

Stretch : 100%



Compression 4 way stretch warp knit elastic, with exposed elastane gripping technology LycraSport tech.

White polyester for sublimatin print
Full black, suitable for embossing

No water waste for finishing – dry finished
Low CO2 emissions

End use

Suitable for most sensible skin type.
Best use as for straps, leg gripper bibshorts, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



UV protection



Muscle control



ART. TP03

SILICONE FREE GRIPPER RIBBED

Structure : Tronic warp knitted

Composition: 80% PE Coolmax
20 EA ROICA (degradable)

Weight : 285 gsm

Width: 50mm 75mm

Stretch : 100%

Compression 4 way stretch warp knit elastic, with exposed elastane gripping technology

Coolmax white for print or black + roica V550 degradable elastane.

No water waste for finishing – dry finished
Low CO2 emissions

End use

Suitable for most sensible skin type.
Best use as for straps, leg gripper bibshorts, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



UV protection



Muscle control

ART. T001

SILICONE FREE GRIPPER

Structure : Tronic warp knitted

Composition: 80% PE 20 EA

Weight : 285 gsm

Width: 50mm 75mm

Stretch : 100%



Compression 4 way stretch warp knit elastic, with exposed elastane gripping technology LycraSport tech.

White polyester for sublimatin print
Full black, suitable for embossing

No water waste for finishing – dry finished
Low CO2 emissions

End use

Suitable for most sensible skin type.
Best use as for straps, leg gripper bibshorts, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



UV protection



Muscle control



ART. T001

SILICONE FREE GRIPPER

Structure : Tronic warp knitted

Composition: 80% PA 20 EA

Weight : 285 gsm

Width: 50mm 75mm

Stretch : 100%

Compression 4 way stretch warp knit elastic, with exposed elastane gripping technology LycraSport tech.

White PA or FULL DYED poliamide

No water waste for finishing – Low CO2 emissions

End use

Suitable for most sensible skin type.

Best use as for straps, leg gripper bibshorts, jerseys.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



UV protection



Muscle control



ART. AERO

MESH SILICONE FREE GRIPPER

Structure : Tronic warp knitted

Composition: 80% PE 20 EA

Weight : 210 gsm

Width: 50mm 75mm

Stretch : 100%

Compression 4 way stretch warp knit elastic, with exposed elastane gripping technology LycraSport tech.

White polyester for printing – max absorption of colors
Black poliamide

No water waste for finishing – Low CO2 emissions

End use

Suitable for most sensible skin type.
Best use as for straps, sleeves, leg gripper bibshorts, jerseys. Good for AERO SOCKS silicone free.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



UV protection



Muscle control



ART. TP36/118

SILICONE FREE EDGE GRIPPER

Structure : Tronic warp knitted

Composition: 72% PA
28 EA ROICA V550 (degradable)

Weight : 210 gsm

Width: 150cm with 5cm gripper
both edges

Stretch : 90% warp 170% weft

150 cm. Compression 4 way stretch warp knit fabric, with integrated GOLD gripping technology 5 cm on both edges.

Compression and comfort for bibshorts, no sewing on the leg hem,

Low CO2 emissions. No extra printing processes. Reduced waste for garment maker.

End use

Suitable for most sensible skin type.
Best use as leg gripper bibshorts.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



UV protection



Muscle control



ART. TP36/128

SILICONE FREE EDGE GRIPPER

Structure : Tronic warp knitted

Composition: 72% PES
28 EA ROICA V550 (degradable)

Weight : 230 gsm

Width: 150cm with 5cm gripper
both edges

Stretch : 90% warp 170% weft

150 cm. Compression 4 way stretch warp knit fabric,
with integrated transparent gripping technology 5
cm on both edges.

Compression and comfort for bibshorts, no sewing on
the leg hem,

Low CO2 emissions. No extra printing processes.
Reduced waste for garment maker.

End use

Suitable for most sensible skin type.
Best use as leg gripper bibshorts.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



UV protection



Muscle control



ART. EP30/000

SILICONE FREE EDGE GRIPPER WITH PROGRESSIVE 3D COMPRESSION

Structure : Tronic warp knitted

Composition: 72% PES
28 EA ROICA V550 (degradable)

Weight : 230 gsm

Width: 150cm with 5cm gripper
both edges

Stretch : 90% warp 170% weft

150 cm. Compression 4 way stretch warp knit fabric, with integrated gripping technology 5 cm on both edges. Progressive compression with honeycomb 3D structure

Compression and comfort for bibshorts, no sewing on the leg hem,

Low CO2 emissions. No extra printing processes. Reduced waste for garment maker.

End use

Suitable for most sensible skin type.
Best use as leg gripper bibshorts.

Features



Quick drying



Hydrophilic



Moisture management



Non curling



Soft



Extra comfort



UV protection



Muscle control



ART. 2091/25XY

CLASSIC JERSEY GRIPPER

Structure : Knitted

Composition: 80% pes 20 EA

Weight : 10 grams/lmt

Width: 25mm

Stretch : 180%

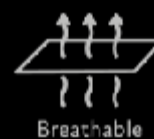
Details

Evergreen, Classic silicone line gripper – knitted.
Available in full black, full white or customized logo
Durable and versatile for all kind of fitting

End use

Best use for cycling jersey

Features



Breathable



Non curling



Moisture management



Quick drying





ART. 638/25XY

CLASSIC JERSEY GRIPPER

Structure : woven

Composition: 80% PA 20 EA

Weight : 20 grams/lmt

Width: 25mm

Stretch : 120%

Details

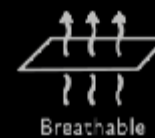
Evergreen, Classic silicone line gripper – woven.
Full dyed- lab dipping required

Available in full black, full white or customized logo
Durable and versatile for all kind of fitting

End use

Best use for cycling jersey

Features



Breathable



Non curling



Moisture management



Quick drying



ART. MONO/10

NECKTAPE OR SEAM REINFORCEMENT



Details

Evergreen, Classic NECKTAPE – woven.
Full dyed- lab dipping required
Extra: embossed logo or silicone print.

Suitable for glue lamination reinforcement of ultrasonic welding – ask for more info

End use

Best use for cycling jersey

Structure : woven

Composition: 80% PA 20 EA

Weight : 10 grams/lmt

Width: 10mm

Stretch : 140%

Features





THE PROCEDURE

CUSTOMIZE YOUR PRODUCTS

Photo: alba, italy.
The crossroad, way
to barolo &
barbaresco

LAB DIPPING

STEPS

Client sends **PANTONE REFERENCE CODE** or **FABRIC REFERENCE = MASTER**

MAB issues **SALES CONFIRMATION** with **specific COLOR CODE** each color.
Lab dipping 2 WEEKS MINIMUM

Submission sent to client who approve or ask for new dipping
1-2 weeks for each round

Client submit **COLOR APPROVAL FORM***
Mab **records** the **APPROVED LAB DIP** in our archive. Or become the **NEW MASTER**

MAB starts dyelot SMS / 1° small batch
2 weeks after approval

Bulk production PO
2-4 weeks after Approval sms/ 1° batch color approval

VALUE

Lab dipping 200 € per color or 4,50 € for 50m pre-sampling

Re-submissions of rejected colors are free of charge for 3 rounds

Special deals for color packages / full collections.
Colors should be sent all together to launch complete lab dip program

Lab dipping fee waived upfront receipt of bulk PO with regards to each color

Dropped or cancelled colors not refunded

TIMING

2 weeks each lab dipping round (1° sub and following ones)

2 or 3 weeks SMS or 1° small batch

3-4 weeks Bulk according to quantity

Total leadtime 9 weeks

IMPORTANT → Bulk PO should list the art code, width, colour name, colour code, quantity

LAB DIPPING TIPS & TOLERANCES

COLORS

- shade difference may occur between the MASTER and BULK LOT due to substrate absorption differences, each lot of raw material

The COMMERCIAL TOLERANCE is evaluated with spectro-photometer : the delta must be agreed with client & set per each color.

MAB is committed to ensure the best color matching and color consistency between master and productions, within commercial tolerance, using the latest technology and eco-friendly chemicals available on the market

Color shading may occur due to nature of raw material and special processes involved.

Color fastness standard is Oekotex class 1 and guaranteed for domestic washing, moisture and light. Special standards must be agreed in advance.

EXAMPLE OF SPECTROPHOTOMETER READING

THE READINGS COMPARE THE MASTER AND SMS / BULK DYELOT

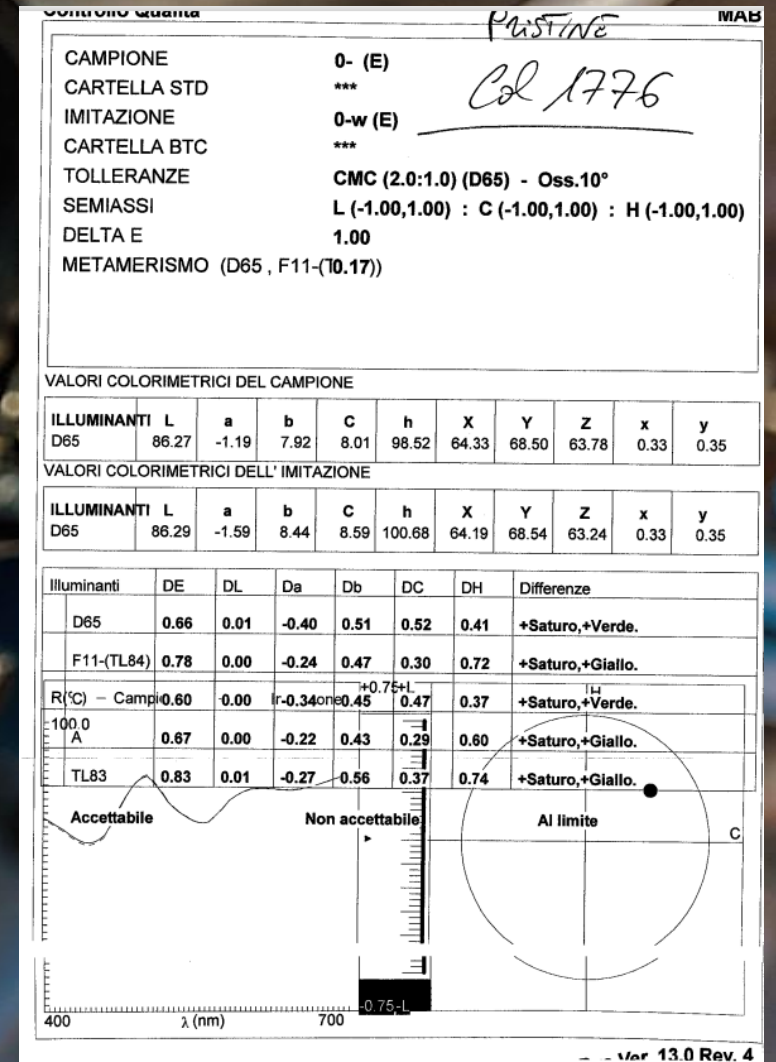
SOME COLOR ARE METAMERIC AND THE OPTICAL FEELINGS DEPEND ON THE TYPE OF LIGHT USED TO CHECK THE COLOR AND TYPE OF SUBSTRATE (SHINY/DULL/SEMIDULL)

I.E - IF CHECKING COLORS UNDER THE NATURAL SUN LIGHT, THE RED AND YELLOW POP UP OVER THE OTHER COMPONENTS. THE RAYS REFLECTIONS DEPEND ON THE DIFFERENT FABRIC SUBSTRATE. I.E WOVEN STRUCTURE, DIFFERENT TO WARP KNIT'S

MAB USE A COLOR DETECTOR DEVICE (SPECTRO PHOTOMETER) TO CHECK THE SAMPLE SWATCH, WHICH GIVE THE COLOR COMBINATION DATA. THEREFORE WE MAKE THE COLOR RECIPE AND DYE. AFTER FINISHING, WE CHECK UNDER LIGHT BOX DL65 (DAYLIGHT LAMP).

SEE REPORT ASIDE

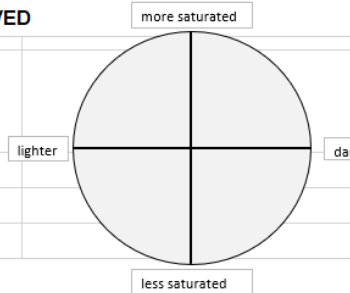
THIS IS A LAB PROCEDURE, HOWEVER IT MIGHT BE NOT ENOUGH TO SATISFY THE NATURAL ENVIRONMENT LIGHT REFLECTION. IN SOME CASES, THE CLASSIC DYEING RECIPE NEEDS TO FOLLOW OTHER CHEMICAL RULES, WHICH REQUIRES MORE PARAMETERS TO COMPARE.



LAB DIPPING APPROVAL FORM

Example of color approval form

COLOR APPROVAL FORM	
<i>Please fill this form for approval</i>	
DATE	
CLIENT	
PO REFERENCE	
ART n°	
COLOR	
NAME	<i>insert common color name</i>
CODE	<i>insert MAB color name formerly communicated via email</i>
Please fill below space with selected option (A, B, C, D.....) or mark NOT APPROVED	
APPROVED	<i>fill with the selected option</i>
BEST MATCHING SIDE	FACE or BACK SIDE <i>mark face or back with X</i>
NOT APPROVED	<i>mark with X if not approved and state comments below</i>
COMMENTS:	<i>Please state information about color for best matching (more red/green, lighter/darker, more/less saturated ect...)</i>



LIGHT TYPE	
DAY LIGHT 65	X <i>*the standard day light</i>
TLD 84	<i>*mark with X</i>
COLOR TOLERANCE	<u>COLOR TOLERANCE BETWEEN MASTER & PRODUCTION LOTS WITHIN DELTA 1</u> <u>NO CLAIMS ACCEPTED IF ABOVE CONDITION RESPECTED</u>
Device:	<u>DIGITAL SPECTROPHOTOMETER MACBETH</u>
OTHER INFORMATION	
Other fabrics in cotrast with the elastic are made of:	<u>SHADE - indicate if dark / light</u>
POLYESTER	
POLYAMIDE	<i>*mark with X</i>
MAB will consider the following standard parameters:	
LIGHT	DAY LIGHT 65
SIDE	face side
FABRIC TYPE	PA
Signature or digital signature	

CUSTOMIZED ELASTIC BASE DEVELOPMENT PROCEDURE



EMBOSSING DEVELOPMENT PROCEDURE

Definition of design and preparation of counter artwork

Artwork approval. MAB send proforma for development

Development of matrix or mould for printing

Leadtime 10 days upfront receipt of payment: sample making

MAB send to client for checking

Testing stage : time depend on clients schedules

Production PO placement – leadtime 4 to 6 weeks

GRIPPER SILICONE PRINT DEVELOPMENT PROCEDURE

Definition of digital design and preparation of counter artwork

Artwork approval. MAB send proforma for development

Development of matrix or mould for printing

Leadtime 10 days upfront receipt of payment: sample making

MAB send to client for checking

Testing stage : time depend on clients schedules

Production PO placement – leadtime 4 to 6 weeks

SILICONE TIPS AND INFO

- Thickness: from 50 to +/- 400 um
- Positioning: all-over print or cover print
- Minimum distance to edges: 1-3mm
- Colors : Transparent – pantone reference matt or glossy

CONTINUOUS PRINT

Without interruptions, ideal for continuous patterns like – see following slide

Air bubbles or small drops might appear on the surface according to thickness, design, patterns. Ideal thickness for SC print is 200 um.

Prototyping stage required.

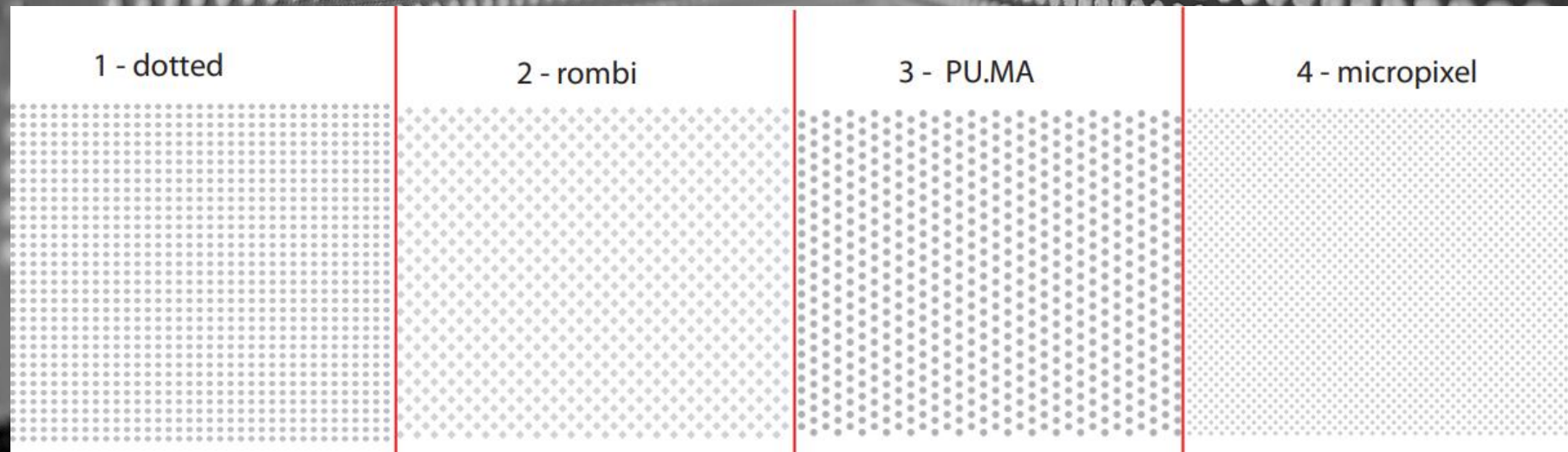
INTERRUPTED PRINT

Best for most tacky and thick printing, from 300 um and over

GRIPPER SILICONE PRINT STANDARD PRINTS

PATTERNS AVAILABLE AS STANDARD – YOU COULD SELECT ONE AND FOLLOW THE STEPS:

- DEFINE COVER SILICONE WIDTH OR ALL-OVER (100% COVER PRINT)
- IF COVER, DEFINE SEWING SPACE ON TOP OR BOTTOM AND COVER WIDTH



OUR SILICONE

IT'S A COMPOUND OF FORMULATED POLYMER MASSES, A CHAIN OF MONOMERS. IT'S SUITABLE FOR SHAPING : THE MANAGEMENT OF TEMPERATURE, DRYING METHODS AND SMART COMBINATIONS WITH SPECIFIC CATALYSTS DOES ALLOW MANY EFFECTS, 3D TEXTURES OR STRUCTURES. THE FINAL EFFECT MIGHT DIFFER ACCORDING TO DIFFERENT SUBSTRATES/ABSORPTION

OUR SILICONE FORMULATION IS BI-COMPONENT, MIXED BEFORE INJECTION OR PRINTING THROUGH MOLDS, TO DIFFERENT SUBSTRATES.
ZERO TOXIC ELEMENTS CONTENT AND NO CHEMICAL CATALYZERS
FRIENDLY SKIN CONTACT

IT DOES NOT CONTAIN OIL, LEAD, PVC, OR OTHER RESTRICTED SUBSTANCES LISTED ON REACH REGULATION
- SEE BIO TEST REPORT FOLLOWING -

ECO-FRIENDLY

OUR PRINTED SILICONE IS A SUSTAINABLE ALTERNATIVE TO PLASTIC-DERIVATED INKS
IT'S AN INERT SOLID MATERIAL WHICH BY ITS NATURE DOES NOT UNDERGO ANY PHYSICAL, CHEMICAL OR BIOLOGICAL TRANSFORMATION, IT DOES NOT DISSOLVE, IT DOES NOT BURN, IT DEGRADES NATURALLY AND IT'S NOT SUBJECT TO PHYSICAL OR CHEMICAL REACTIONS.
IT'S A DERIVATE OF SILICA, WHICH IS ONE OF THE MOST WIDESPREAD NATURAL RESOURCES ON EARTH AND IS ABSOLUTELY NON-POLLUTING.
IT'S NON-TOXIC FOR AQUATIC OR SOIL ORGANISMS

SILICONE RESISTS TO TEMPERATURE. FROM COLD TO HOT SHOCK, WITHOUT MELTING, CRACKING OR DEGRADING, IT IS PRACTICALLY INDESTRUCTIBLE, UNLIKE PLASTIC, WHICH ONCE DISPERSED IN THE ENVIRONMENT, IT BREAKS DOWN INTO MICRO-FRAGMENTS (MICROPLASTICS) CONTAMINATING OUR LAND, OCEANS AND BECOMING FOOD FOR ANIMALS.

REGULATIONS:

ACCORDING TO CLP REGULATION (EC) N. 1272/2008, RELATING TO CLASSIFICATION AND LABELING OF SUBSTANCES, SILICONE IS CLASSIFIED AS NOT DANGEROUS // REACH 2022 RELEASE

Order number: E-049-PB-18

Laboratory ITVP, Department of Biology

Head of Laboratory: Dipl.-Biol. Nicole Müschenborn

Your contact person: Dipl.-Biol. Nicole Müschenborn

Phone: +49 (0) 711 / 9340 - 183

Fax: +49 (0) 711 / 9340 - 416

E-Mail: nicole.muschenborn@itvp-denkkendorf.de



Test laboratory accredited by Deutsche Akkreditierungsstelle GmbH (DAkkS) against DIN EN ISO/IEC 17025. The accreditation is valid for the testing procedures listed in the DAkkS-certificate (in the test report signed with * or **).



Member of eurolab-Deutschland
Verein deutscher Prüflaboratorien e.V.

Task: Cytotoxicity test ** after the simulation of wearing (Transfer)*

Obtained sample (s): See point 4

Test Procedure and Results

1. Applied test methods (where applicable used test standards / normative references)

Applied procedures
DITF-Method KV 01, 2002: Testing textiles for skin compatibility *
DITF-Methode TOX 04.2: 2011-03 *

2. Sampling and carrying out the test

The customer made the selection of the samples. Testing specimens of any sample (size 5.5 x 10.5 cm) were prepared by punching. Incubation of the specimens for 16 h at 37 °C in a transfer system simulated the prolonged skin contact under wearing conditions. The extract of the transfer was g-sterilized and examined for cytotoxicity by MTT-test (according to ISO 10993-5: 2009-10).

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ITV Denkkendorf Produktservice
GmbH

3. Results

The test results are tabulated and graphically shown in the appendix. Positive test results - i.e. cytotoxic sample - showing a cell vitality less than 80% of the reference value in at least one of the used concentrations (10% and 20%). The separate investigation of the blank value showed that the transfer system itself is not toxic.

4. discussion of the results

The sent sample (see sample description index 049-202) were tested according to DITF method KV 01, 2002 and DITF method TOX 04.2: 2011-03.

Sample name	Sample description	[%] of control		Test result
		Sc 10%	Sc 20%	
049-101	Blindwert	100%	100%	✓
049-202	Silicon Alpacat 30194, Charge 1495210A+ 1492113B	94%	102%	✓

(✓) = passed (X) = failed Sc = Sample concentration

I. A. Dipl.-Biol. Nicole Müschenborn

I. A. Dagmar Kucher

Head of Laboratory

Laboratory assistant

Note:

The test results relate to the above-specified samples, and may not be used as a basis for a lawsuit or advertisement without any written permission by the testing laboratory. The test report shall not be duplicated neither cited in parts. Evaluations of the obtained results and conclusions do not form part of the accreditation. Retained samples will be discarded after 2 years, documents and data after 10 years without consultation, unless otherwise agreed.

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Attachment

test:	MTT-Test	MTT no.:	1136	operator:	Ott
cells:	L-929	cell number:	10.000	culture vessels:	96-well Mikrotiter
preincub.:	24 h	incubation with samples:	24 h	date:	12.03.2018
sterilizationmethod:	Gamma (25 kGy)	media:	MEM (Co. Biobrom) stab. Glc. Lot: 0730 F + 10% Fbs Superior (Co. Biobrom) Lot: 0167 E		
comment:	no				

CONTACT US

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