

**BE REFLECTIVE
BE SAFE**



NEW COLLECTION 2021

HOW TO PLACE AN ORDER ?

01

Get in contact with our kind and helpful sales department.

You will be asked to determine your needs in terms of the type of material, fastening variety and packaging details. There is a wide selection of ready shapes available. However, you may also request a custom shape. Please, remember to specify a printing type (on or under the reflective surface) and a method (screen or digital printing).

Send Your logo.

It is time to attach your genuine logo, texts or any other components which are needed to prepare an artwork . Finally, you will receive the artwork with a price offer.

02

03

Approve the artwork

When all the details are agreed, you will be asked to give the shipping address and arrange the date of delivery.

Waiting a while ...

It usually takes around a week to manufacture ready shapes. However, producing custom shapes and index cards may result in extended waiting time.

04

05

Enjoy your reflectors!

Our products are delivered via UPS Standard Shipping Service to each European country. Once your order is sent, you will immediately receive an e-mail with a tracking number.

Be eco!



Environment Friendly reflective foil – PVC free!

Glodian™ Enfren is chloride free reflective film with excellent high frequency welding property. It's 100% Non-PVC (no chloride, no phthalate, no plasticizer).

Characteristics:

Hard prism technology, compliance to EN13356, compliance to EN71 part3 – children's toy regulation, 100% Non-PVC (Non toxic, Eco-friendly), cold resistance at – 20.

Please, ask our trader for individual calculation



100%
Non-PVC

GLODIAN™ ENFREN

Reflomax
Only One & Better

GLODIAN™ ENFREN

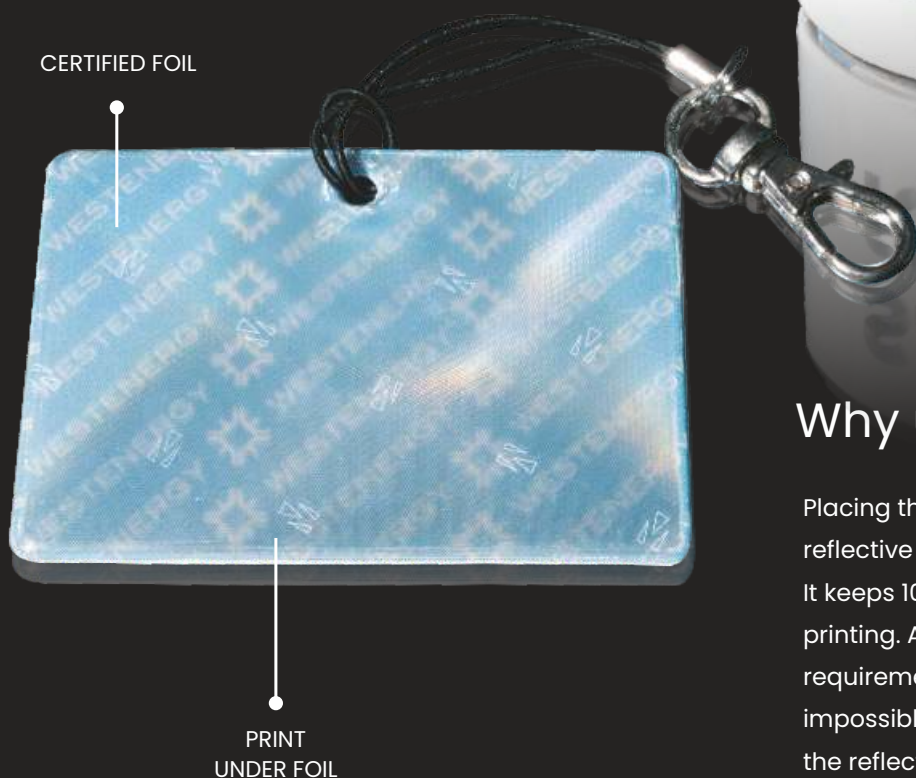
POTENTIAL ENVIRONMENTAL EFFECTS

This substance does not leach metals or other RCRA (Resource Conservation and Recovery Act) listed TCLP (Toxic Characteristic Leaching Procedure) hazardous substances at concentrations that would make the product a hazardous waste.

Underprinting

Printing under the certified foil.

In order to fulfill customer demand, we have decided to extend our offer by adding the possibility of placing the print under the surface of the reflective material. Full-colour printing under the reflective foil is available for such products as: soft hangers, slap wraps, stickers, loop straps, magnetic clips and spoke reflectors.



Why underprinting?

Placing the print under the surface of the reflective material has one major advantage - It keeps 100% light reflection value despite printing. As a result, the product still meets the requirements of the CE certificate. That's impossible with a traditional direct printing on the reflective surface. If you want the maximum of safety - choose print under foil!



Reflomax
Only One & Better



GLODIAN™ RGR™



GLODIAN™ AGR™
EN 13356



GLODIAN™ ENFREN
EN 13356

Our products:



Custom soft hangers with the print from certified foil

Order your custom shape or use one of our ready shapes!

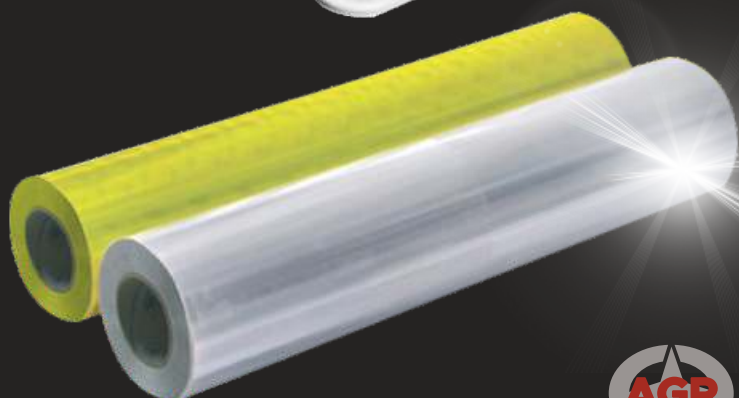
Attach it to a backpack, jacket, coat, handbag or school bag. The product is personal protective equipment and meets the requirements of CE EN 13356.

We offer two different markings:

on the reflective film or under the reflective film.

PRINT UNDER
THE FOIL

PRINT
ON THE FOIL



Reflomax
Only One & Better

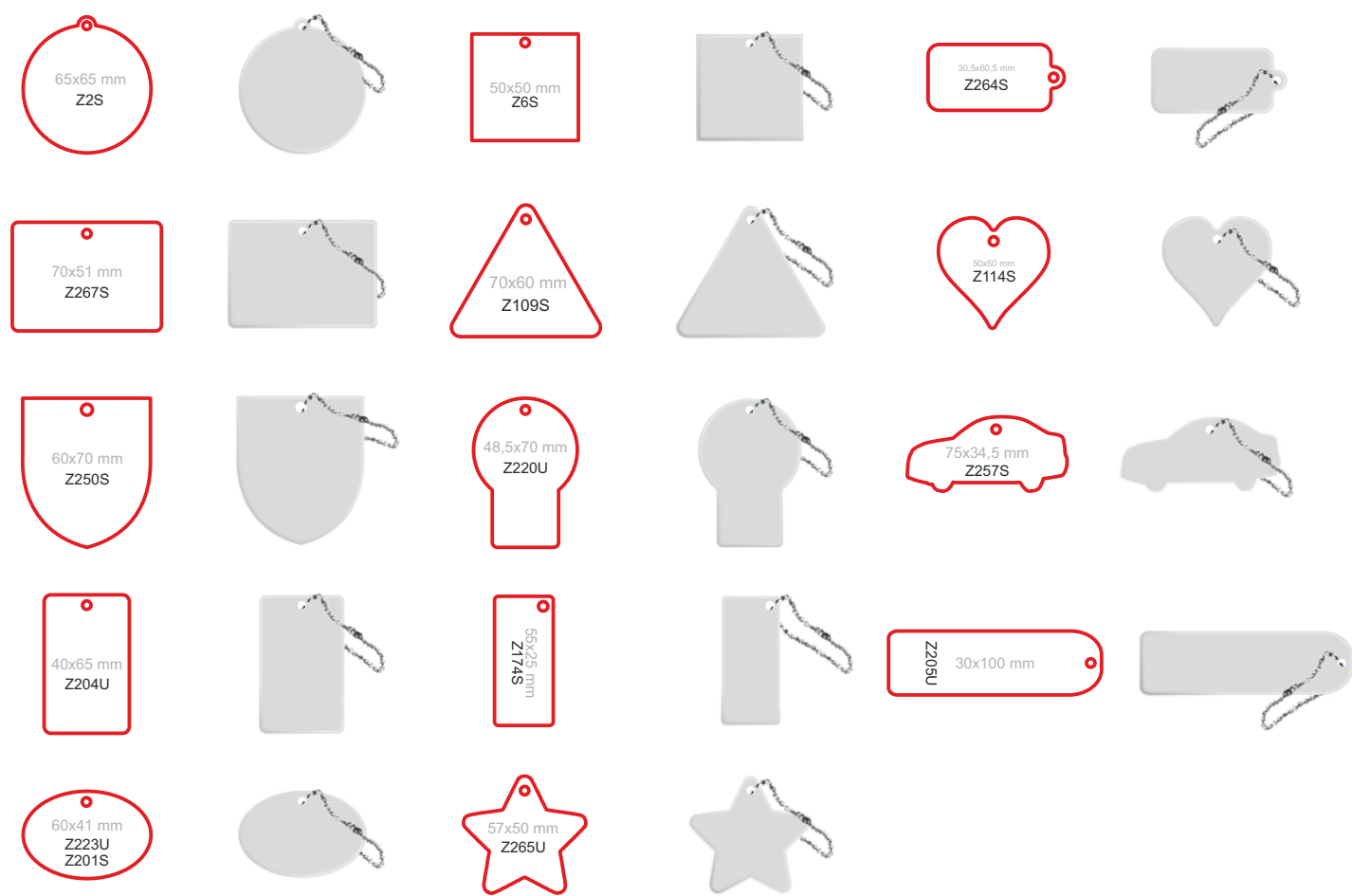
GLODIAN™ AGR™

Glodian™ AGR-PF EN13356 ready micro prismatic reflective film. It's non-toxic proved by complying EN71 part 3 and also AZO free. EN17353 Qualified. Certificate on request. For AGR products we issue Declaration of Conformity. See more Technical Datasheet. Available colours: yellow, silver.



Soft reflectors

New and most versatile shapes.



Available packaging

Unit packaging

Our reflectors are packed in OPP polybag with paper or eco cardboard instruction. Customers can personalize the packing by adding their logo on it or a completely new design.

1. Standard CE label & polybag

Standard using and cleaning instruction with european standard CE EN 13356 marking.

Available languages: EN, DE, PL, FI, SE, RU.

Dimensions: 7 x 7 cm.

Printing: full - colour both sides.

On demand - custom instructions design with a customer's logo.

Standard polybag without euro hole. Dimensions: 8 x 8 cm.

2. Eco CE card



Single layer cardboard made from Eco paper with FSC certificate.

Available languages: EN, DE, PL, FI, SE, RU.

On demand - custom instruction design with customers logo. 100%

Eco or optional packing in polybag.

3. Eco CE windowed box

Carton package with a window. Two-layer cardboard made from Eco paper with FSC certificate.

Dimensions: 9,4 x 16 cm.

Window: 4,5 x 6,5 cm.

Using and cleaning instruction with European standard CE EN 13356 marking available in EN, DE, PL, FI, SE, RU.

1-colour printing on both sides. 100% Eco.




On demand - custom instruction design with customer's logo.

1



2



-  Remake smoke
-  Crush Hazelnut
-  Crush Coffee

3



-  Remake smoke
-  Crush Hazelnut
-  Crush Coffee

Fixing

Choosing a fastening for hangers.



Hanger Fixing 1

- J. Ball Chain black
- A. Ball Chain 12 cm silver
- B. Ball Chain 12 cm golden
- F. String & Polybag
- H. Black cord

Hanger Fixing 2

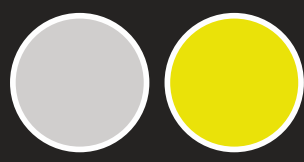
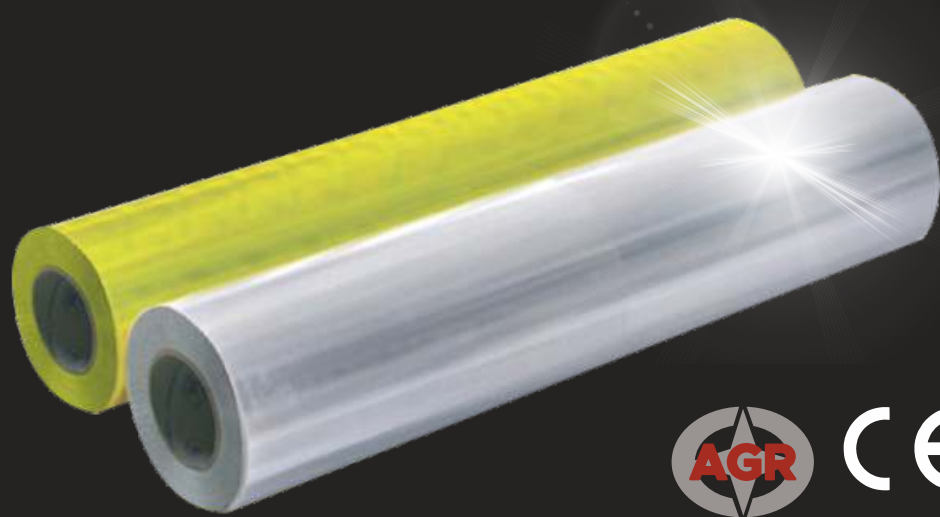
- C. D-chain
- D. Parrot
- E. Keyring

Hanger Fixing 3

- I. Spiral 20 cm with clip - clear

Reflective foils we offer:
Ask traders for details.

GLODIAN™ AGR™



SILVER

YELLOW

GLODIAN™ RGR™



SILVER

YELLOW

GREEN

BLUE

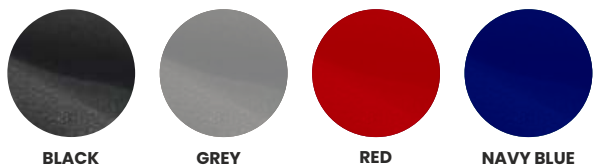
RED

ORANGE

PINK

New flocking colours in slap bands

Can be used to RGR, AGR and 3M slap bands.



Reflective Slap band REFLO-LUX

Ready-made right from our stock .

Colours: silver and yellow pass CE EN 13356
(In case the printing does not exceed 10 % of reflective surface), different colours are available on stock but they are not CE conformed.

Possible printing approaches :
Only on foil surface, 1 or full-colour printing(digital).



Colours:



● OP-0009

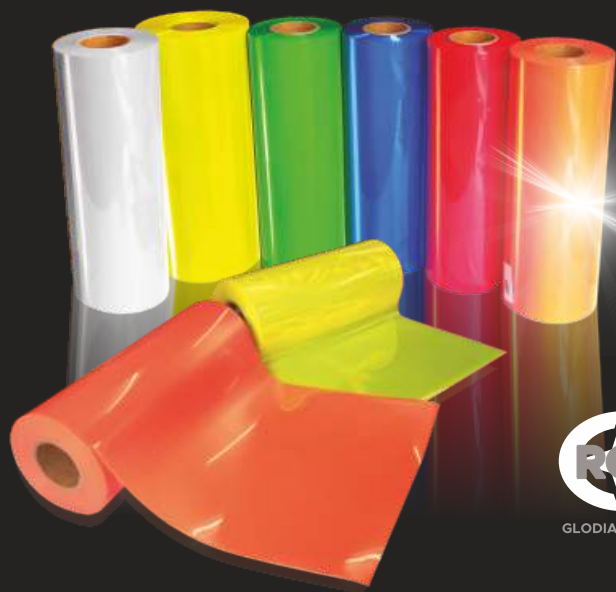
● OP-0007

MOQ only 100 pcs



Fun and promotional reflectors in many colours

Printing on RGR Reflomax foil.



GLODIAN™ RGR™

Reflomax
Only One & Better

GLODIAN™ RGR™

Glodian™ RGR is reflective PVC film with high frequency welding property and various colours. Main Applications: fashion & shoes materials, fun reflectors, reflective PVC tapes.

Available colours: yellow, silver, green, blue, red, orange, pink.

Loop Strap

Reflective keyring ideal for keys.



Loop Straps

Reflective keyring ideal for keys.

Made of AGR or 3M prismatic film.

The bottom of the EcoFriendly keychain complies with European REACH regulations and does not contain substances on the SVHC list – a declaration by the Polish film manufacturer.

Dimensions: 3 x 11 cm.

Attachment: D-chain.

Colours of foam-bottom:



BR-0052

MOQ only 100 pcs



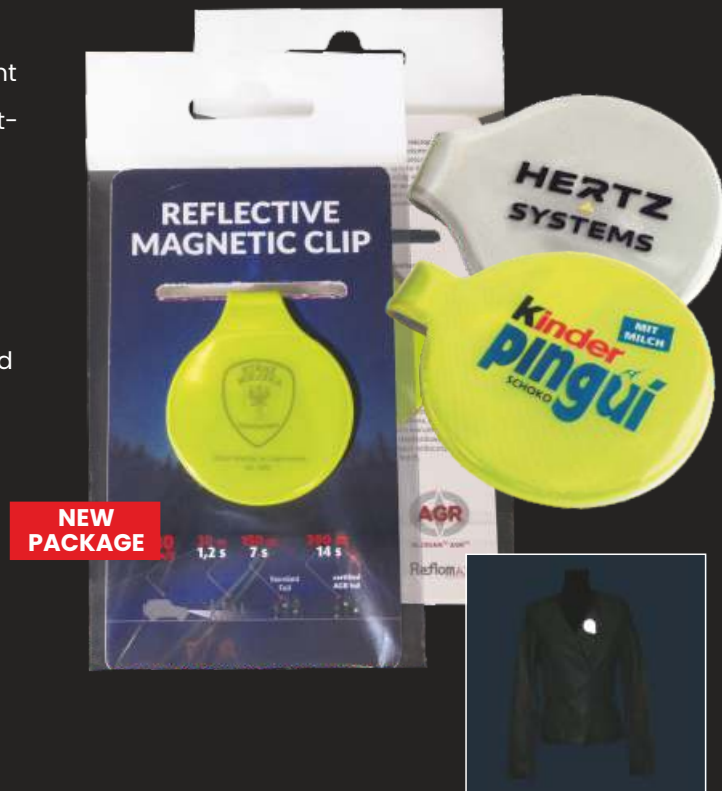
Magnet Clip

An ideal replacement for hangers.

This reflector will be used as a reflective element magnetically attached to our clothes (jackets, t-shirts, pants, backpack, etc.).

Back of the clip: Phthalate-free grey flocking, generally used for the production of certified reflectors.

Our magnetic clips are made form AGR certified film.



AGR colours:



RGR colours:

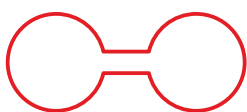


KM-0018

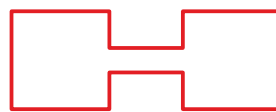
MOQ only 100 pcs

Magnet Clip

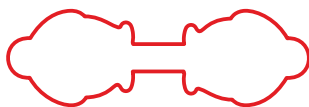
New and most versatile shapes.



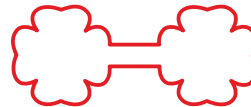
R11 110 x 45 mm



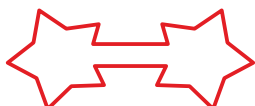
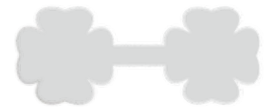
R14 110 x 40 mm



R7 110 x 35 mm



R8 111 x 45 mm



R12 111 x 45 mm



R6 113 x 50 mm



R10 111 x 40 mm



R9 111 x 45 mm





Reflective Stickers

Looking for the cheapest reflective gadget?

Sticker

Unit packing.

Looking for the cheapest reflective gadget?
You've already found - a reflective sticker with
a colourful print. For sticking on school bags,
backpacks, etc.
Material: reflective prismatic film.

Adhesive 200MP for the best performance
or JT 8500 WM-HTT (MACTAC) as a standard
adhesive.

AGR colours:

RGR colours:

NA-0039

STICKER WITH YOUR
LOGO ON THE PACKAGE



Stickers Sets

For sticking on school bags, backpacks, etc.

Looking for the cheapest reflective gadget?
You've already found - a reflective sticker with
a colourful print. We use two kinds of adhesive.
3M™ Adhesive 200MP for the best
performance or JT 8500 WM-HTT (MACTAC)
as a standard adhesive.
Material: reflective prismatic film.
Maximum size: 21 x 30 cm.

AGR colours:

RGR colours:

NA-0040

MOQ only 100 pcs

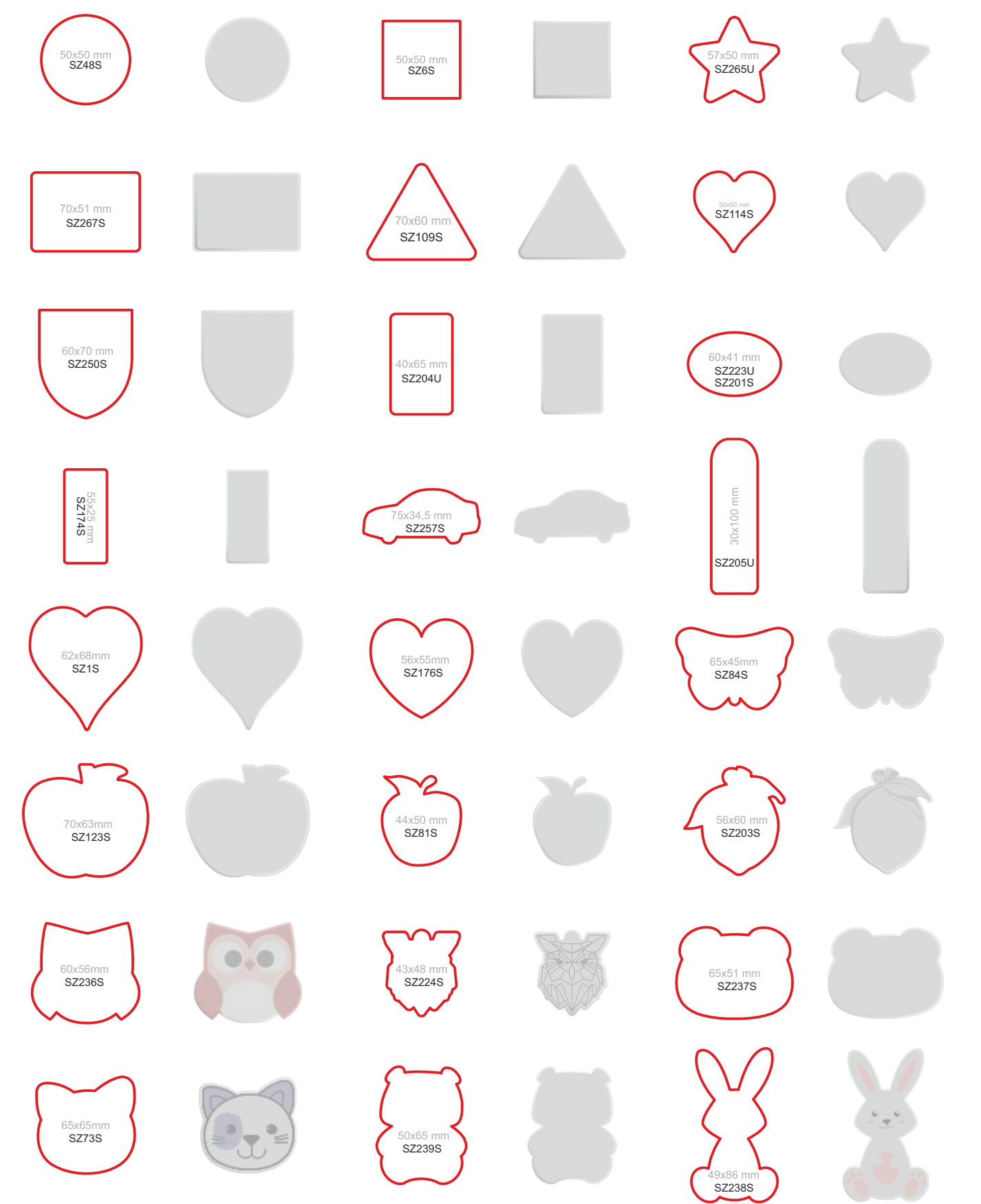
YOUR
LOGO
www.yourlogo.com

STICKER
WITH YOUR
LOGO ON
THE PACKAGE



Stickers

New and most versatile shapes.

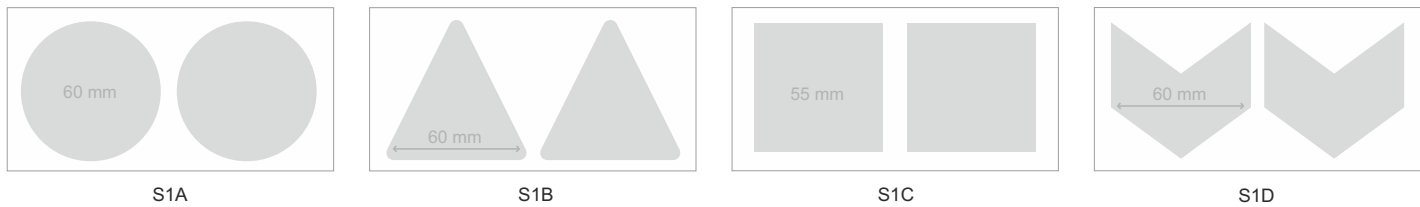


Stickers Sets

Customised matrix after inquiry.

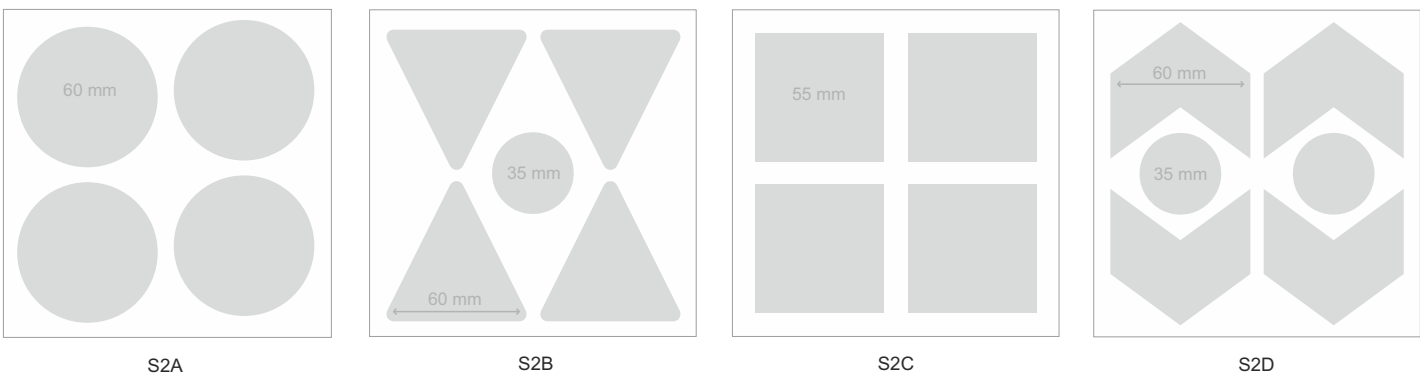
Group S1 (14x7cm)

NA-0040-S1



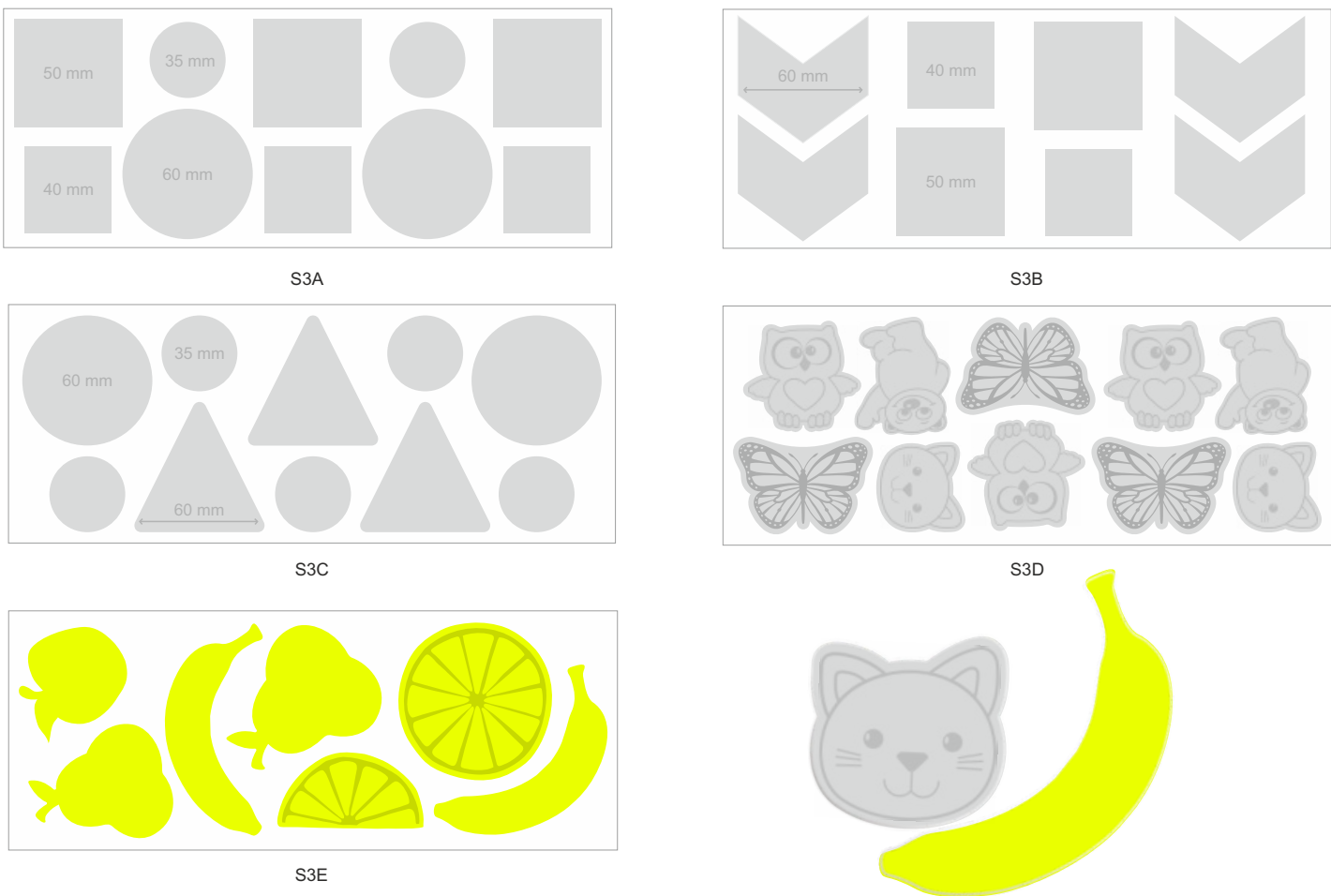
Group S2 (14x14cm)

NA-0040-S2



Group S3 (28x11cm)

NA-0040-S3

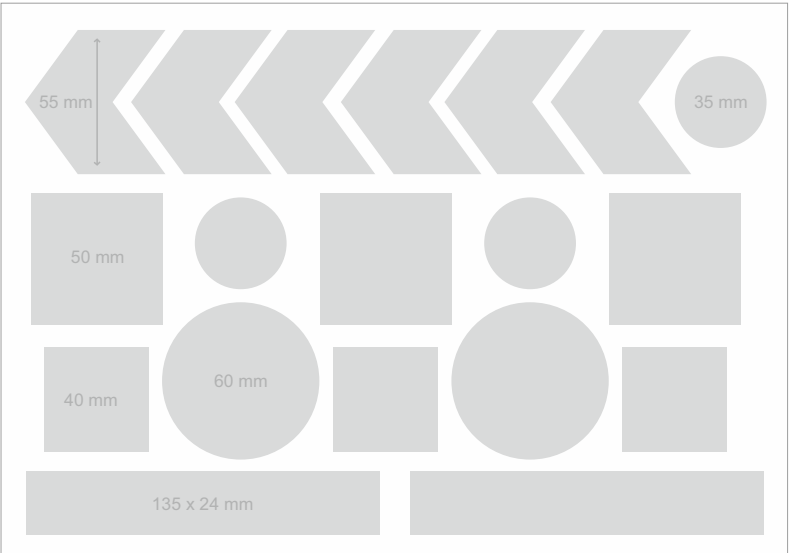
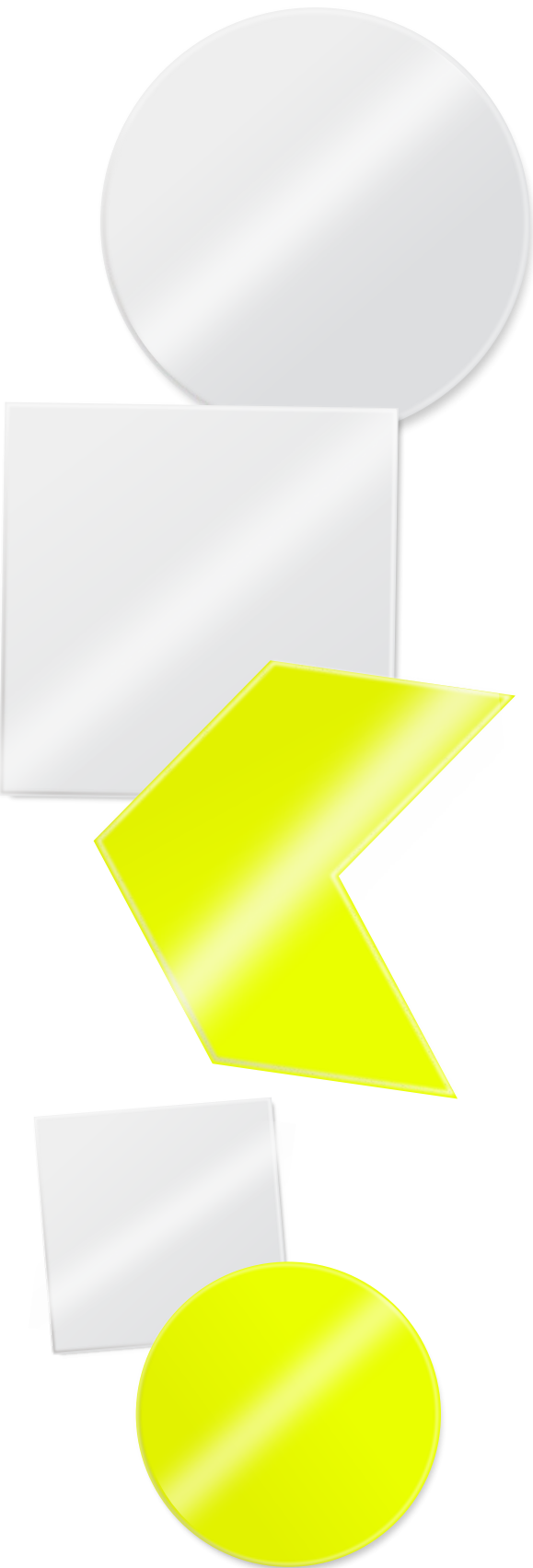


Stickers Sets

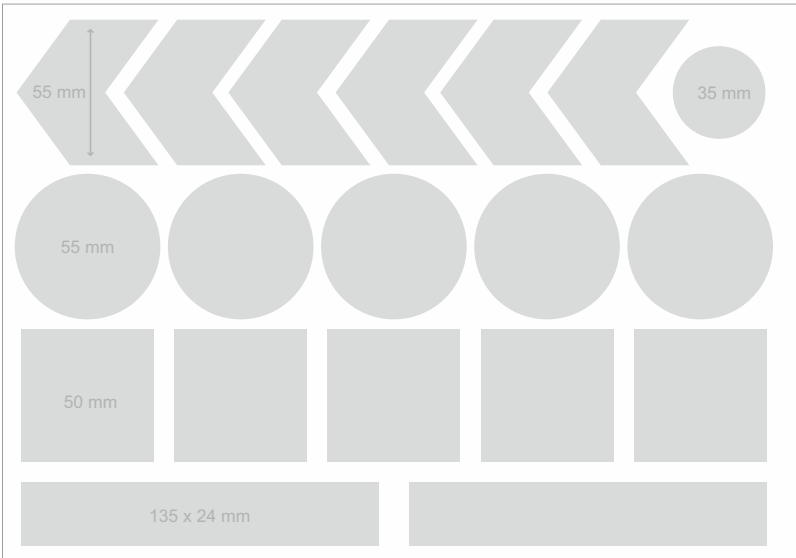
Customised matrix after inquiry.

Group S4 (30x21 cm)

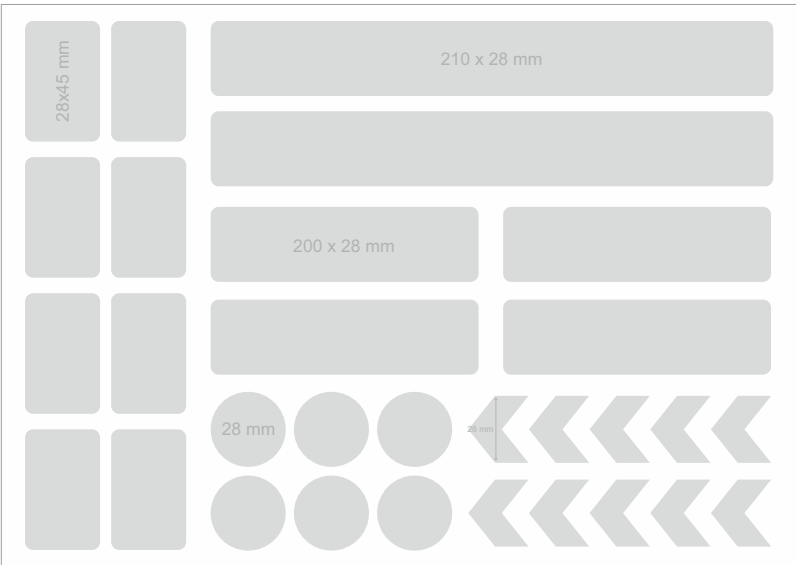
NA-0040-S4



S4A



S4B



S4C

Spoke Reflectors

With underprint logo.



Modern reflective accessories for cyclists
 – to be mounted only once, always effective!
 HardDS plate, which makes the product stiff
 and easy to install on bikes, is used as inner
 material.
 Size: 5 x 7 cm.



AGR colours:

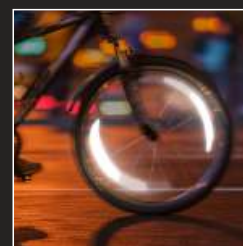
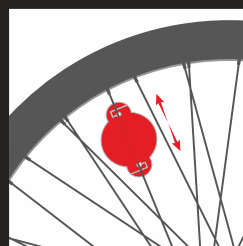
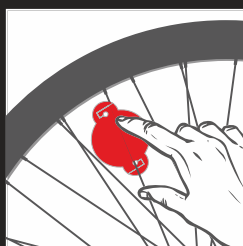


RGR colours:



KOMP07

MOQ only 100 pcs



Reflective Beads 3M – black

Modern reflective accessories for cyclists!

3M Scotchlite™
 Reflective Material



Reflective beads mounted on the spokes.

A set of 36 black spoke beads.

Size 13 x 15 mm.

Scotchlite reflective material.

ABS coated with 3M Scotchlite reflective material.



SAL43490

MOQ only 1 pcs

Reflective textile buttons – SOFT

With Your logo.



Discreet and universal reflective badge for backpacks, jackets and hats.

Possibility of printing in 1 colour – black.
Diameter: 5.8 cm



BR-0060

MOQ only 100 pcs

Reflective Buttons (Pins)

With print.



Reflomax
Only One & Better

Variant of the reflective pin in the version made of PVC reflective foil. We recommend overprinting under the foil, 1 or full colour.

The product made of AGR Reflomax meets the EN 13356 standard.



AGR colours:



BREPRO

MOQ only 100 pcs

Textile Slap Band – SOFT

Made from polyester fabric.

Size: 38 x 3 cm.

Covered by 100% reflective
glass beads of 3M.

Colour: silver reflective.

Available colours of polyester tape:
black, yellow.

CE EN 13356 approval

3M Scotchlite™
Reflective Material



SAL0003 Yellow

SAL0004 Black



WEN0003 Yellow

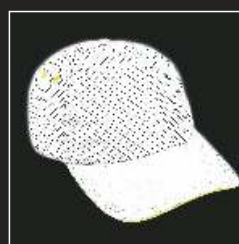
WEN0004 Black

MOQ only 1 pcs

Reflective Baseball Cap

Silver reflective cap made entirely of reflective material.

The perforated fabric from which the hat is made provides adequate breathability, protects against wind and rain. In addition, this fabric wicks away moisture. During the day, the hat is silver-grey, and at night it turns white when it reflects light. Max. head circumference up to 60 cm.



CAP01 silver/ CZ-0027

MOQ only 1 pcs

Adjustable rubber belt

The product is ideal for cyclists, motorcyclists, runners, pedestrians and the elderly.



- Flexible reflective strip with adjustment.
- Snap closure.
- Universal application.
- Size: 133 cm x 5 cm.



PS-0004

MOQ only 1 pcs



Reflective poncho

Rainproof poncho perfect at mountains.



The rainproof poncho is the newest part of our reflective collection with available sizes for children and adults. It is made with 3M reflective material that provides comfortable outfit on rainy days. What's more, it covers the user from the head to knees and gives a space to dry hands.



Size	Age	Growth	A	B	C
XS	5-7	<126 cm	68	73	60
S	7-9	<146 cm	80	85	70
M.	10+	<158 cm	92	97	80



SAL30777

MOQ only 1 pcs

01. Beanie 3M

With reflective tape and your reflective logo.



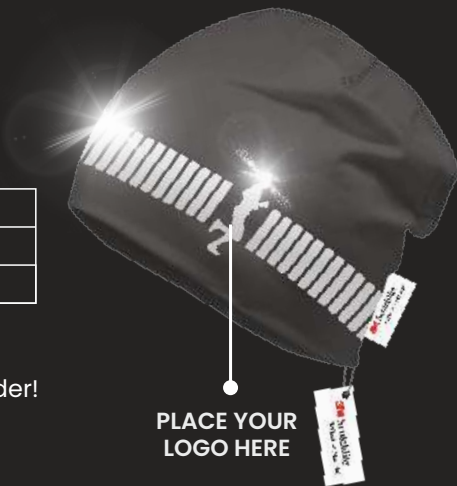
95% cotton
5% elastane

Size	Long	Medium	Short
Width	26.5	26.5	26.5
Length	28	24	21



Available in more than 40 colours. Ask the trader!

MOQ only 1 pcs



PLACE YOUR
LOGO HERE



02. Beanie 3M – carbon black

Without tape with reflective logo.



95% cotton
5% elastane

Size	Long	Medium	Short
Width	26.5	26.5	26.5
Length	28	24	21



Available in more than 40 colours. Ask the trader!

MOQ only 1 pcs



NIGHT

DAY

03. Beanie 3M

With reflective print.



95% cotton
5% elastane

Size	Long	Medium	Short
Width	26.5	26.5	26.5
Length	28	24	21



Available in more than 40 colours. Ask the trader!

MOQ only 1 pcs



PLACE YOUR
LOGO HERE

Reflective toy 2D

100% reflectivity

Reflective toys are a great alternative for children or adults who like exclusive high-quality decorations, and at the same time want to be visible after dark.

CE EN 13356

3M Scotchlite™
Reflective Material



CAT SAL43606

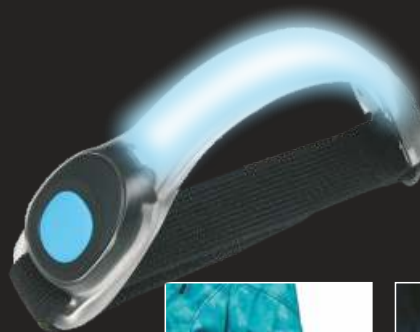
MOQ only 1 pcs

Light Band 3M for runners

Place your logo on the package.

Reflective gained thanks sewing in a flexible part of the band emblem of reflective foil 3M Scotchlite white - with the most important possible parameter of light reflection Sizes band - regular: min. 30 cm / max. 40-45 cm. Certificates: CE EN 55015:2013 + A1:2015, CE EN 61547:2009

3M Scotchlite™
Reflective Material



SAL49509BLUE

MOQ only 1 pcs

Reflective key pendants – pompons

Ideal solution for women and little girls.

Fashionable and practical.

Black pompom material guarantees full reflection.

Pendant can be attached to a purse, backpack,, keys or clothing.

Size: 8 x 7,5 cm.



FP5 BR0057

MOQ only 1 pcs

01. Shopping bag

No bottom, with black handle.

100% polyester, a perfect alternative for traditional reflectors. The entire surface of the bag reflects the light as reflective stripes on the safety vest. Reliable and strong black handles.

A perfect solution for a senior.

Grammage: 180 gsm – this bag is perfect to carry a lot of goods.

Come back safely from shopping!

Available only in silver, reflective colour.

Printing possible, evaluated at the reseller.



Size	Bag	Handle
Width	39	Length 38
Height	45	

TO-0051 MOQ 1 pcs



02. Shopping bag

With wide bottom, reflective handle.

100% polyester, a perfect alternative for traditional reflectors. The entire surface of the bag reflects the light as reflective stripes on the safety vest. Reliable and strong black handles. Grammage: 180 gsm – this bag is perfect to carry a lot of goods.

A perfect solution for a senior. Come back safely from shopping!

Available only in silver, reflective colour.

Printing possible, evaluated at the reseller.



WIDE
BOTTOM

Size	Bag	Handle	Bottom
Width	39	Length 62	39
Height	45		7

TO-0052 MOQ 1 pcs



03. Shopping bag

With wide bottom, reflective handle, lining and zipper – pocket inside.

100% polyester, a perfect alternative for traditional reflectors. The entire surface of the bag reflects the light as reflective stripes on the safety vest. Linen lining and inner pocket for the wallet or phone.

Reliable and strong handles

Grammage: 180 gsm – this bag is perfect to carry a lot of goods.

A perfect solution for a senior.

Size	Bag	Handle	Bottom
Width	39	Length 60	39
Height	45		7

TO-0053

 MOQ 1 pcs

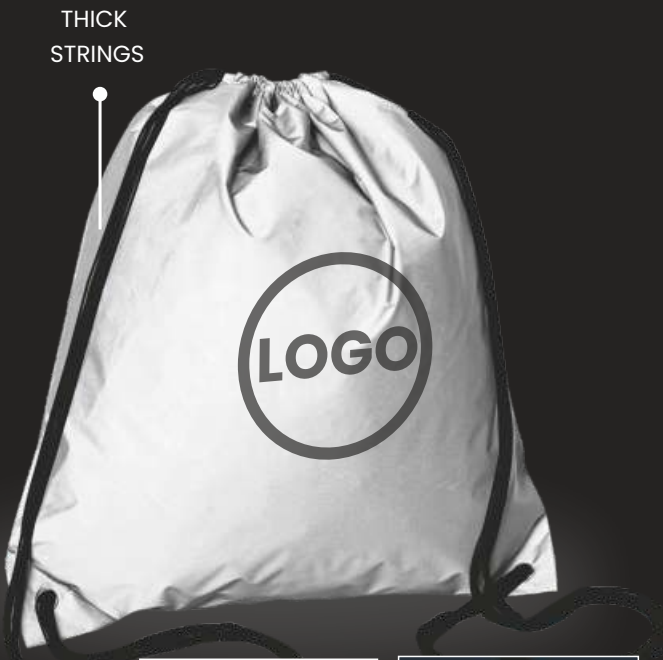
Backpack

With thick black cord.

100% polyester, a perfect alternative for traditional reflectors. The bags have reflective surface polyester and a thick black cord. Perfect for a gymnastic outfit or as a reflective cover for a backpack. Modern design. The material is completely reflective. Weather resistant. Individual printing possible, evaluated at the reseller.

Size	Bag	Handle
Width	38	-
Height	40	-

WO-021

 MOQ 1 pcs



Reflective Mesh Vest

Perfect for runners.

Mesh Vest RNG Yellow

For running and cycling.

- Reflective vest for runners and cyclists.
- Lightweight, high-visibility mesh vest.
- Convenient Velcro adjustment.
- Reflective stripes on the back and front.

Colour: yellow, black.



Size	S/M	L/XL
Width	43	53
Height	49	49

SZ-0026 MOQ 1 pcs

Mesh Vest For Runner 3M

Reflective vest for 3M runners and cyclists.



- The vest is very light and adjustable for the greatest comfort of the user. The vest has a pocket at the end of being able to place your smartphone or these keys. A storage cover is also provided with the vest.
- Colour: yellow, black.
- 100% Polyester.
- Certified product - it complies with CE EN13356.



Size	S/M	L	XL/XXL
Width	38	44	50
Height	42	49	56

SAL50019 MOQ 1 pcs

Mesh Vest RNG Black

For running and cycling.

- Reflective vest for runners and cyclists.
- Lightweight, high-visibility mesh vest.
- Convenient Velcro adjustment.
- Reflective stripes on the back and front.

Colour: yellow, black.



Size	S/M	L/XL
Width	43	53
Height	49	49

SZ-0028 MOQ 1 pcs



Mesh Vest For Runner 3M

Reflective vest for 3M runners and cyclists.

- The vest is very light and adjustable for the greatest comfort of the user. The vest has a pocket at the end of being able to place your smartphone or these keys. A storage cover is also provided with the vest.
- Colour: yellow, black.
- 100% Polyester.
- Certified product - it complies with CE EN13356.

3M Scotchlite™
Reflective Material



Unisize	
Width	46
Height	44

SAL50021 MOQ 1 pcs



V-vest for children

For primary and youth students.

Knittwear: 100% polyester.
No elastic and not sewn on the sides.
Type of tape: reflective heat transfer.
CE EN 13356 certificate.

Unisize	
Width	28
Height	39

SZ-003 MOQ only 1 pcs



Mini Vest for children

For small children of kindergarden age.

Knittwear: 100% polyester.
Type of tape: reflective heat transfer.
CE EN 13356 certified material.
Clasp: put on by the head.

Unisize	
Width	28
Height	32

SZ-0006 MOQ only 1 pcs



Bacback cover

100% waterproof

Convenient backpack clips for convenient plastic clips with a snap.
100% fluorescent yellow polyester.
Light reflection coefficient: 600 cd / lux / m2.
Designed for standard backpacks (25-42 L).
Size: 61 x 41 cm.

PK-0003 MOQ only 1 pcs

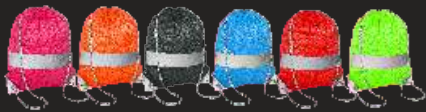


Reflective polyester string bags

Rich colours to choose from.

Bright colours, reinforced fabric, reflective strips with CE certification. Reinforced with metal rings with sewn reflectors. Perfect for a gymnastic outfit or as a reflective cover for a backpack. Rich colours to choose from. Also to attach to a school bag. Fluorescent knitwear with reflective tape according to EN 471. The product meets the requirements of CE EN 13356.

Size	Bag
Width	39
Height	32



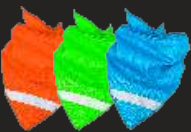
- WO-0001
- WO-0002
- WO-0003
- WO-0004
- WO-0007
- WO-0010
- WO-0013
- MOQ 1 pcs



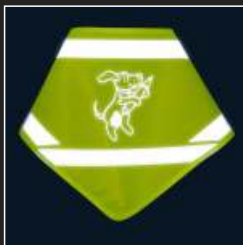
Reflective polyester scarves

In many colours with reflective printings.

The shawl is an excellent means for children, scouts, camping, school trip, bike ride. Fluorescent knitted fabric. A sewn reflective strip. To put on the head or the neck. Piping finish. Size: approximately 53x75x53 cm. Print your school logo, scout logo or other logo of your choice.



- CH-0009
- CH-0006
- CH-0005
- CH-0007
- MOQ 1 pcs



A young man with dark hair is shown from the waist up, wearing a bright yellow high-visibility safety vest with reflective silver stripes. He is also wearing a grey long-sleeved sweatshirt. He is looking down and adjusting the black straps of the vest. The background is dark with some blurred lights, suggesting an outdoor night setting.

Reflective vest for adults

Check out our printing offer.



Reflective vest for children

Check out our printing offer.

Printing examples on textiles:



Our gallery:



Technical Datasheet

Description

REFLOMAX GLODIAN™ Reflective Film – High Gloss Products are designed for use on safety garments and when properly used, help enhance the visibility of the wearer in nighttime or low-light conditions when illuminated by headlights. REFLOMAX GLODIAN™ reflective film – high gloss products consist of highly retroreflective microprisms formed on flexible, glossy and UV- stabilized polymeric film. A flexible vinyl film sealed on the backside of the Reflomax™ GLODIAN™ Reflective Film – High Gloss film encapsulates the microprisms and protects the reflective product from dirt and moisture penetration.

Product Construction

GLODIAN™ reflective film consists of a smooth surface, high gloss, abrasion microprismatic retroreflective layer. The film can be sewn and/or high frequency welded.

The following products have certificates available for ANSI/ISEA 107:2010 American National Standard for High-Visibility Safety Apparel and Accessories and EN ISO 20471:2013 European Safety Apparel.


Reflectivity

GLODIAN™ reflective film exceeds the minimum reflectivity requirements of ANSI/ISEA 107:2010 Level 2 & EN ISO 20471:2013 Separate performance. Typical coefficients of retroreflection for GLODIAN™ reflective film are provided in Table 1.

Product Approvals

EN ISO 20471:2013 / ANSI/ISEA 107:2010, Test certificates for garment acquisition are available upon request.

Table 1, Film Specification

REFLOMAX GLODIAN™ Reflective Film - High Gloss Products					
Product Code	Available Color ⁵	Typical R _A ¹	Minimum R _A ²	Compliance with	Protective film ³
AGR (PVC)	White	600	330	EN 13356	O
	Fluorescent Yellow	500			
PGR (PVC)	White	500	330	EN ISO 20471, ANSI/ISEA 107	O
	Fluorescent Yellow	450			
XGR (PVC)	White	500	330	EN ISO 20471, ANSI/ISEA 107	O
	Fluorescent Yellow	450			
Enfren (TPU) 	White	600	330	EN 13356	
RGR ⁴ (PVC)	White	200	100	Commercial	O
	Fluorescent Yellow	150			

RA measured by Reflomax on new product at +5.0° entrance, 0.2° observation angles.

ANSI 107 minimum coefficient of retroreflection. RA measured by Reflomax on new product at +5.0° entrance, 0.2° observation angles.

The protective film on Reflomax reflective film needs to be removed prior to using.

Available colors: Yellow, Fluorescent Orange, Orange, Fluorescent Red, Red, Blue, Fluorescent Pink, Magenta. The reflectivity of those colors is not guarantee.

Only White & Fluorescent Yellow can meet the requirement of compliance regulation noted in the table 1 except RGR film

Table 2, Package Information

REFLOMAX GLODIAN™ Reflective Film - High Gloss Products					
Product Code	Available Color	Roll Width	Standard Roll Length	Roll Weight per Carton Kgs / Lbs	Protective film ³
AGR	White, Fluorescent Yellow	46cm (18")	100m	17 / 37.48	O
PGR	White, Fluorescent Yellow	46cm (18")	100m	17.5 / 38.58	O
XGR	White, Fluorescent Yellow	46cm (18")	100m	17.5 / 38.58	O
Enfren	White	46cm (18")	100m	17.5 / 38.58	O
RGR ⁴	White, Fluorescent Yellow	46cm (18")	100m	19 / 41.89	O

3. The protective film on Reflomax reflective film needs to be removed prior to using

4. Available colors: Yellow, Fluorescent Orange, Orange, Fluorescent Red, Red, Blue, Fluorescent Pink, Magenta. The reflectivity of those colors is not guaranteed.

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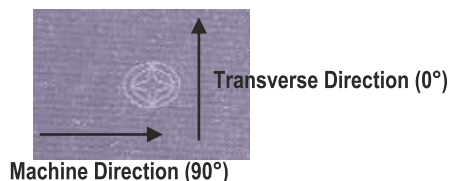
Reflomax reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.

REFLOMAX GLODIAN™

Microprismatic Reflective Film



Film Logo Pattern



Application Instruction

Shelf Life

The product must be used within one year from the shipment date. All rolls including partially used be stored in original pack aging, tightly wound. Store in a clean and dry area, away from direct sunlight.

Storage

Store in a cool (4 to 32°C, 39 to 90°F), dry area (less than 70% relative humidity) and use within 2 years after date of receipt. Store rolls in their original shipping cartons. Partially used rolls should be returned to their shipping carton.

NOTE

REFLOMAX GLODIAN™ Reflective Film High Gloss Film is shipped with a polyester liner on top of the vinyl film for easy handling. This polyester liner can be removed either before or after the sealing process and needs to be removed before sewing or screen printing. The film does not require a sealing film to be retroreflective. However, we do recommend the application of a sealing film to keep out dirt and water that can result in decreased reflectivity.

IMPORTANT NOTICE

Technical data can be changed with product improvement. The above data are the average of test results at the normal test condition. While the use of reflective material does greatly enhance visibility, no reflective material can assure absolute visibility, particularly in adverse weather conditions. Performance will vary depending upon actual use, exposure conditions and maintenance. Users should test reflective material to satisfy conformance to their own requirement.

All GLODIAN™ products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning GLODIAN™ products is based upon research which the Company believes to be reliable although such information does not constitute a warranty. Because of the variety of uses of GLODIAN™ products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. All specifications are subject to change without prior notice.

WARRANTY

No warranty is given for purposes other than those listed in the Technical Datasheet or which are not processed according to Reflomax's processing and handling instructions. Please refer to the full warranty document available at www.reflomax.com for detailed information.

GLODIAN™ is registered trademark of REFLOMAX Co., Ltd.

REFLOMAX CO., LTD.

All rights reserved.

Reflomax reserves the right to make changes in specifications and/or to discontinue any product at any time without notice or obligation and will not be liable for any consequences resulting from the use of this publication.



Product Guidance

We, Reflomax Co., Ltd, as the leader of Reflective Soft Microprism Film in roll type, has developed wider width, 122cm of GLODIAN™ RGR-W which is much more useful than the previous RGR in 45cm. You do not need to joint the sheets any more to make larger size. Reflomax GLODIAN™ RGR-W in 122cm will be the best solution now.

It results in improved productivity of processing into the large size of cone sleeve, the banner & flex for the advertisement, HF welded products such as tape, label, snap band, etc.

1. Color

12 colors are available and custom colors are also available.

Item	Color	Item	Color
RGR-W-01	WHITE	RGR-W-07	RED
RGR-W-02	F.YELLOW	RGR-W-08	F.GREEN
RGR-W-03	YELLOW	RGR-W-10	SMOKY-BLUE
RGR-W-04	F.ORANGE	RGR-W-11	BLUE
RGR-W-05	ORANGE	RGR-W-13	F.PINK
RGR-W-06	F.ORANGE-RED	RGR-W-14	MAGENT A

2. Reflective Performance

The Retroreflective performance is measured in accordance with the procedure defined in CIE 54:1982. Measures values are averages taken from 90° orientation, apart unless stated differently. The 0° orientation is to be taken as downweb of REFLOMAX supplied rolls.

The values are stated as coefficients of Retroreflection, R_A and the unit is $cd/lux/m^2$.

Item	Obs. Angles	Ent. Angles	Typical R_A
RGR-W-01	0.2°	-4°	200
RGR-W-02	0.2°	-4°	150

The above value is based on the initial performance. As RGR series is made with soft prism structure, we do not guarantee the reflective value after shipment.

3. Size and Packing

Roll Size : 122cm x 50m

Packing : One roll per one carton box

Weight : 21kg per one box

Standard Box Size: 1,305x230x240mm

SQ.M per Roll : 61 m²

4. Heavy Content

Element	BS EN71 Part 3 mg/kg in dry brittle, powder-like or pliable toy material	Test Results (mg/kg)
Aluminum	5625	<0.1
Antimony	45	<0.1
Arsenic	3.8	<0.1
Barium	1500	<5.0
Boron	1200	<0.1
Cadmium	1.3	<0.1
Chromium(III)	37.5	<0.1
Chromium(VI)	0.02	<0.1
Cobalt	10.5	<0.1
Copper	622.5	<0.1
Lead	13.5	<0.1
Manganese	1200	<0.1
Mercury	7.5	<0.1
Nickel	75	<0.1
Selenium	37.5	<0.1
Strontium	4500	<0.1
Tin	15000	<0.1
Organic tin	0.9	<0.1
Zinc	3750	<0.1

Note) The sample was extracted by use of 0.07N HCl for 2 Hours at 37°C

5. Care Instruction

- Do not Bleach
- Do not Iron
- Do not Dry-Clean

6. Storage

Store in a cool dry area and use within 1 years after date of receipt.

Store rolls in their original shipping cartons. Partially used rolls should be returned to their shipping carton

7. Note

Technical data can be changed with product improvement. The above data are the average of test results at the normal test condition.

While the use of reflective material does greatly enhance visibility, no reflective material can assure absolute visibility, particularly in adverse weather conditions.

Performance will vary depending upon actual use, exposure conditions and maintenance. Users should test reflective

JT 8500 WM - HTT

Apolar surfaces

PRODUCT DESCRIPTION

Budget monomeric calendered self-adhesive printing media with High Tack adhesive.

Face material:

95 µm white matt PVC

Adhesive:

Emulsion acrylic High Tack transparent

Liner:

Clay coated 125 g/sqm

TYPICAL USE

Short-term indoor and outdoor promotional graphics applied on smooth flat or slightly structured, difficult substrates with low surface energy such as polyethylene.

PROCESSING

Especially designed for solvent based, eco-solvent, mild solvent, Latex and UV inkjet printing on wide-format printing equipment.

To achieve optimal protection and durability, JT 8500 Series needs to be laminated with LF 8500 Series.

To achieve the best possible print quality, please make sure that the correct ICC profiles or printer settings are used.

Profiles can be obtained from our subsidiaries or distributors, or can be downloaded from: www.mactacgraphics.eu.

For further information on printing and laminating, please refer to TB 4.1 "Guidelines on handling, converting and applying Mactac Digital media."

SHELF LIFE

2 years when stored at 15 to 25°C and ± 50 % relative humidity (in the original packaging).

APPLICATION METHOD

Mactac Digital media must be applied following the instructions in TB 4.1 "Guidelines on handling, converting and applying Mactac Digital media", available from the resource section at www.mactacgraphics.eu.

To ensure application suitability, always test the proposed construction under actual application and end-use conditions before going into full production.

PHYSICAL PROPERTIES (TYPICAL VALUES)

Adhesive data, 23°C (N/25 mm)	Average values	Test method
Quick tack on apolar surface (Polyethylene)	13.6	FTM 9
Peel 24 hours on apolar surface (Polyethylene)	11.8	FTM 1
Dimensional stability		
Shrinkage (48 hours at 70°C applied on aluminium)	Max. 0.5 mm	FTM 14

Temperature ranges

Minimum application temperature	+ 10°C
Service temperature range of use	- 20°C to + 70°C

Certifications

Fire certification	Self-extinguishing	Internal test method
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EXPECTED DURABILITY*

Central Europe Zone 1

Unprocessed	3 years	ISO 4892-2.
Printed & laminated	2 years	ISO 4892-2.

*For more information, refer to Technical Bulletin 7.5: "Outdoor Durability of combined MACTac print media and laminates".

Note : Overlamination of the inkjet-printed material delays the eventual colour fading that may occur over time. This colour fading is dependent on the quality of the inkjet inks, the orientation of the printed material, the angle of display and the exact geographical location of exposure.

Exposure to severe temperatures, ultraviolet light, and/or conditions in Southern European countries, tropical, sub-tropical or desert regions will cause more rapid deterioration. This also applies to polluted areas, high altitudes and south-facing exposure. No durability warranty is given for horizontal exposure.

DISCLAIMER

All Mactac statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Mactac products are sold with the understanding that the purchaser has independently determined the suitability of such products for its purposes. All Mactac's products are sold subject to Avery Dennison's general terms and conditions of sale, see <http://terms.europe.averydennison.com>

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Oegstgeest, 15th January, 2021

To whom it may concern:

In relation to the following Avery Dennison materials:

BS174: JT 8500 WM-HTT High-Tack

We herewith inform you that under the EU Timber Regulation law (EU Regulation No 995/2010), Avery Dennison fulfills its obligation as a “Trader” and keeps a record for five years of its suppliers and customers.

As per the Advice note 40-004-10, published in the FSC Chain of Custody Directive (FSC-DIR 40-004), Avery Dennison informs you that it has received confirmation from the manufacturer of the FSC certified paper, part of the above listed materials, that

1. the FSC certified paper contains the following species:

- **BS174:** Maple, Alder, Fir, Birch, Hornbeam, Eucalyptus, Beech, Eastern Hop Hornbeam, Spruce, Pine, Plane, Poplar, Douglas fir, Oak, Black locust, Black willow, Basswood, American elm

2. the FSC certified paper comes from the following origins:

- **BS174:** Brazil, Canada, Denmark, Estonia, Finland, France, Germany, Latvia, Lithuania, Norway, Poland, Russia, Spain, Sweden, United Kingdom, Uruguay.

the manufacturer acts both as an “Operator” and as a “Trader” and has the necessary process in place to fulfill its obligations under the EU Timber Regulation, which prohibits placing and trading of illegally harvested timber and timber products on the market.

According to the Forest Stewardship Council®, the FSC certification and CW schemes reduce to ‘negligible’ all risks associated with non-compliance with relevant trade and customs laws.

As FSC Certificate holder, Avery Dennison passes on the Chain of Custody and proof of compliance. Please find attached Avery Dennison’s multi-site FSC certificate.

Olivia Kullmann, MSc.

Product Compliance
Avery Dennison Label and Graphics Materials Europe
Willem Einthovenstraat 11
2342 BH Oegstgeest
The Netherlands

3M™ Adhesive Transfer Tape Double Lined 7965MP



Details

- 5 mil nominal adhesive tape delivers exceptional shear strength for metals and HSE plastics
- Provides very high resistance to solvents and humidity
Special PCK layflat liner for increased dimensional stability in high humidity storage, processing, shipping and application conditions
- 4.2 mil and 6.2 mil PCK layflat liners virtually eliminate curling, buckling and rippling
- 200MP acrylic adhesive is considered the industry standard for graphic attachment and general industrial joining applications
- Ideal for kiss-cutting and selective die-cutting applications

3M™ Adhesive Transfer Tape Double Lined 7965MP provides outstanding adhesion to metal and high surface energy plastics. 200MP adhesive delivers excellent shear strength to resist slippage and edge lifting. The tape is temporarily repositionable for placement accuracy. It also performs well after exposure to humidity and hot/cold temperatures. Double 58 lb. PCK liners add dimensional stability.

