ENERGIAPURA

PURE AIR

COLLECTION

CHOOSE YOUR STYLE

“A STRONG SIGNAL”

With the pandemic, Nature has given us a strong “signal” and we cannot, whatever the type of activity or intervention we want to implement, disregard the respect we owe it, which is nothing else that protected ourselves. Disposable masks and gloves, have become a problem in both availability and disposal after use: a problem with a high ecological and contaminating impact.

The possibility of designing and producing a mask as a “personal” accessory, reusable and therefore sterilizable after use, was the basis of ENERGIAPURA’s research: not a productive reconversion but a continuity of working application on the experience of treating technical fabrics and seeking maximum performance in protecting athletes from both atmospheric and environmental problems and from accidents due to impact or cut.

ENERGIAPURA REALIZE THE MASK

Thinking of the critical situation that ours and other countries are facing in the current situation and the preventive measures imposed, the idea was born to create an object of protection for the daily social coexistence of work, recreation and sports.
The goal: to create a barrier garment that can protect breathing and that at the same time is reusable and reconditionable, after more or less prolonged use.
In product design, new technologies offer alternative solutions of technical fibers that create retractable fabrics with enormous advantages for the user himself.
Reconditioning and sanitizing is therefore possible with a normal washing at 60 ° and a passage of steam of a normal iron, thus allowing to have a product washed and sanitized every day.
The reconditionable-reusable product not only becomes a practical solution, but also an ecological one, thinking of the daily use of disposable masks whose waste, creates disposal problems with significant environmental impact.
The possibility of printing also allows various companies to personalize it with the company logo.

CE DISPOSITIVO MEDICO CLASSE I NON STERILE
EN 14683 | 93/42 CEE EP-PA-2020

MAIN FEATURES

BREATHABLE

ECOLOGICAL

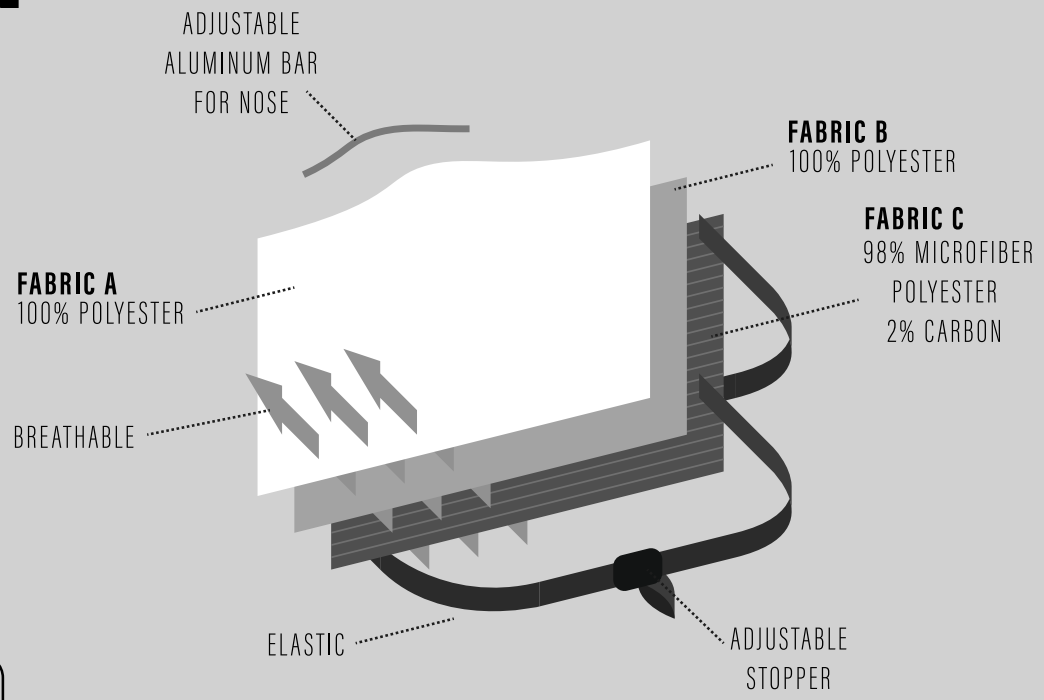
RECYCLABLE

WASHABLE

STERILIZABLE

HYPOALLERGENIC

FABRICS DESCRIPTION



FABRIC A: EXTERNAL POSITIONING
COMPOSITION:100% POLYESTER

FABRIC B: INTERNAL POSITIONING
COMPOSITION:100% POLYESTER

FABRIC C: SKIN CONTACT POSITIONING
COMPOSITION: 98% MICROFIBER POLYESTER, 2% CARBON

THREE LAYERS

ENERGIAPURA
PURE AIR

EP PA - 2020 Medical device Class I

Perfect adherence to the face and block from mouth and nose the droplets of respiratory secretions

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Bacteriological filtration

Outwards	99%
Towards the wearer	99%

FFP1 - FFP2 - FFP3 WITHOUT VALVE

They have high protection. They protect the wearer and others

Filtering capacity

Outwards	72%
Towards the wearer	72%

Outwards	92%
Towards the wearer	92%

Outwards	98%
Towards the wearer	98%

FFP1 - FFP2 - FFP3 WITH VALVET

They all have one common feature: better breathing.
They protect the wearer but not the others because the breath comes out of the valve. Worn by those who are positive, it infects. FFp3 has almost total protection

Filtering capacity

Outwards	20%
Towards the wearer	72%

Outwards	20%
Towards the wearer	92%

Outwards	20%
Towards the wearer	98%

SURGERY

It has not Perfect adherence to the face and doesn't block from mouth and nose the droplets of respiratory secretions

Filtering capacity

Outwards	95%
Towards the wearer	20%

FABRICS TECHNICAL SHEETS

FABRIC A

ARTICOLO: (ITEM)	POLIESTERE TAFFETA'		ALTEZZA UTILE (WIDTH) CM +/- 5%		150	FINISSAGGIO:	
			PESO (WEGHT) G/MT2 +/-5%		50 G/MTL	75	SERVICE COD. 1200040
	ORDITO Titolo 50 DEN (WARP) (count)	Fili 43 (ends)	TRAMA titolo 75 DEN (WEFT) (count)		n. batt. (picks)	32	comp.% 100%PL
	LUCE (LIGHT)	3/4*					
	LAVAGGIO ACQUA (WASHING)	3/4*					
SOLIDITA'	LAVAGGIO A SECCO (DRY CLEAN)	3/4*	STABILITA'	LACERAZIONE (ELMENDORF)		KG	NEWTON
	SUDORE ACIDO (ACID PERSPIRATION)	3/4*			ordito +/-	12.56	1.28
	SUDORE BASICO (ALKALI PERSPIRATION)	3/4*			trama +/-	13.82	1.41
	SFREGAMENTO A SECCO (RUB DRY)	3**					
	SFREGAMENTO A UMIDO (RUB WET)	3**					
	RESISTENZA ABRASIONE (MARTINDALE ABRASION TEST)						
	PILLING						

DATA 21/04/2020

FABRIC B

SCHEDA TECNICA

DESCRIZIONE *DESCRIPTION*

Nontessuto costituito da fibra poliestere in fiocco. *Polyester staple fiber nonwoven.*

UTILIZZO *APPLICATION*

Imbottitura per abbigliamento. *Clothing in general*

CARATTERISTICHE TECNICHE *TECHNICAL CHARACTERISTICS*

Composizione *Composition*	100% Fibre poliestere. *100% Polyester fibers*
Colore *Color*	Bianco *White*
Grammature disponibili *Available Surface weight*	g/m² 80 ÷ 250

Grammatura = peso netto rotolo/superficie nominale. Tolleranza ± 7,5%.
Surface weight = roll net weight/nominal surface. Tolerance ± 7,5%.

Spessori nominali disponibili *Available nominal thickness*	Code	SB08	SB14	SB27	SB45
* (Valori indicativi / *indicative values*)	mm *	0.8	1.4	2.7	4.0

CERTIFICAZIONI *CERTIFICATIONS*

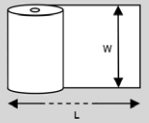
Certificato OekoTex® *OekoTex® Certificate*	960031.O

FIDUCIA NEL TESSILE
Testato per sostanze nocive
secondo Oeko-Tex® Standard 100
971822.O CENTROCOT

FORNITURA ED IMBALLAGGIO *SUPPLY AND PACKING*

Rotoli *Rolls*
altezza massima W *max width W* 300 cm (-0/+ 2 cm)
lunghezza massima L *max length L* variabile in base a grammatura (-0/+ 2%)
variable according to the surface weight

Imballaggio *Packing*: Standard
con tubo di cartone e sacco in polietilene
Standard
Cardboard tube and polyethylene-film bag



SIMBOLOGIA CONSIGLIATA PER L'ETICHETTATURA *SYMBOLES POUR L'ENTRETIEN (CONSEILLES POUR L' ETIQUETAGE)*

RACCOMANDAZIONI D'USO *RECOMMANDATIONS SUR L'USAGE*

Date le caratteristiche di morbidezza e sofficità dovute alla particolare tecnologia produttiva adottata, si rende noto che il prodotto è ritenuto a forte rischio di pilling, e pertanto deve essere adeguatamente protetto. Inoltre il prodotto va ancorato al tessuto o alla fodera interna con cuciture a quadrato, rombo o qualsiasi altra forma, fino a 6÷8 cm di lato, per migliorarne la stabilità. Per qualsiasi altra tipologia di applicazione è opportuno eseguire prove adeguate sul prodotto.

Owing to its peculiar manufacturing technology, that gives the product high softness and fluffiness, it is recommended to properly secure it to the fabrics or to the inner lining by means of square, diamond, or other equivalent stitching, with a side of 8 ÷ 10 [cm] to improve its stability.
Any other kind of application has to be adequately tested.

For more information please contact : ory.commerciale@gruppoperuzzo.com

TDS

This data sheet may be subject to revision due to development and changes of the material. Please note that all values are preliminary and based on results obtained under typical conditions. The data are furnished without liability for the company and does not constitute a warranty or representation of the material in use. The company reserves the right to release new data sheets in replacement. This data sheet is not a specification.

N°	ABI0140
Rev.	1
Data	28/02/17

FABRIC C

ARTICLE: 92148 TRIANGOLO CARBON

FIBER COMPOSITION (standard reference: ISO 1833)		98% POLIESTERE 2% CARBONIO	
USABLE WIDTH (+/- 3cm) (Standard reference: ISO 22198)	160	WEIGHT (+/- 5%) (Standard reference: UNI EN 12127)	110
DENSITY (wales per cm2) (Standard reference: UNI EN 14971)	/	UPF RATE (1) (Standard reference: AS/NZS 4399)	/
ELASTICITY (Standard reference: UNI EN 14704-1)		WIDTH - Elongation at 15N: / LENGHT - Elongation at 15N: / WIDTH - Elongation at 35N: / LENGHT - Elongation at 35N: /	
DIMENSIONAL STABILITY TO WASHING AT 40° C (Standard reference: UNI EN ISO 6330 6A)		WIDTH: +/-3% LENGHT: +/-3%	
DIMENSIONAL STABILITY SUBLIMATION PRINT (temperature: 210° - time: 40 sec - pressure: 4 bar)		WIDTH: / LENGHT: /	

CARE LABELLING SYMBOLS

PURE AIR

SAFE MASK SR

AV003U.TEPL02

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C9.YB50 / FLUID TURQUOISE

C9.YB61 / FLUID FUXIA

C9.XH07 / FLUID BLACK

C9.YB89 / FLUID RAINBOW

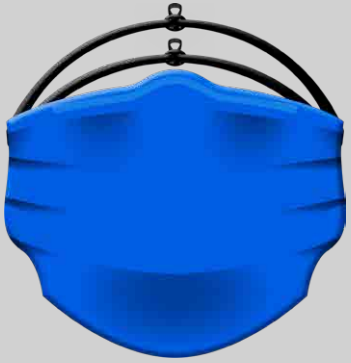
C4.XH83 / OPTICAL

C2.XH09 / LEOPARD SKIN

8999 / BLACK SOLID COLOR

A023 / BIANCO WHITE

A668 / BORDEAUX



A669 / TOURQUOISE

PURE AIR

SAFE MASK JR

AV003J.TEPL02

CE EN 14683 | DISPOSITIVO MEDICO CLASSE I NON STERILE 93/42 CEE EP-PA-2020

C9.YB50 / FLUID TURQUOISE

C9.YB89 / FLUID RAINBOW

C2.XH08 / TIGER

PURE AIR

SMART

AV009U.TEPL02

Washable, sanitizable, ecological, recyclable, breathable and hypoallergenic CE mask.
Fit close to the face. Elastic lycra fabric webbing to place the mask behind the ears, adjustable aluminium band to adapt the mask on the nose.

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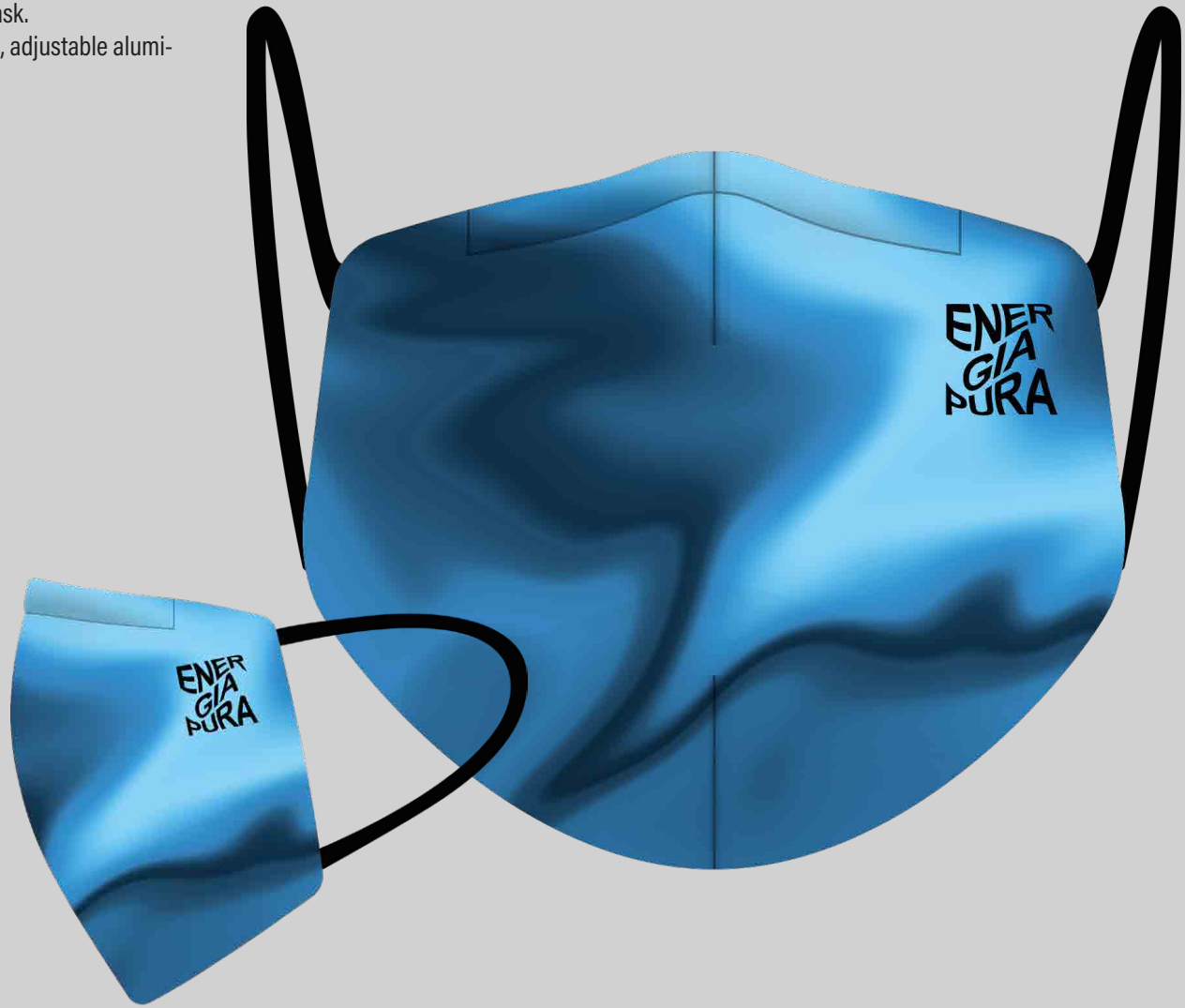
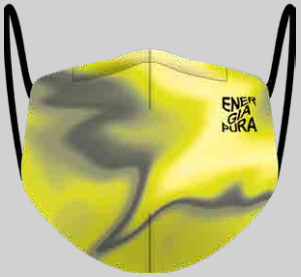


V2.XI80 / DESTROYED ANTHRACITE



V2.XI86 / DESTROYED ACID

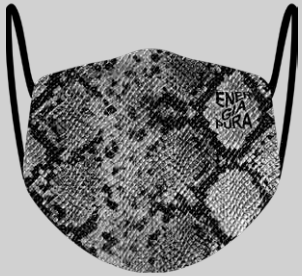
V2.XI81 / DESTROYED FUXIA

V2.XI82 / DESTROYED TURQUOISE

V6.XI90 / ZEBRA

V4.XI88 / MARBLE

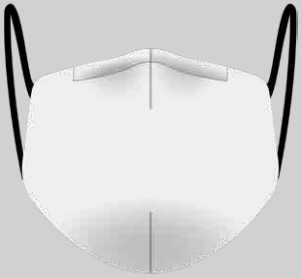
V3.XI87 / CAMOUFLAGE



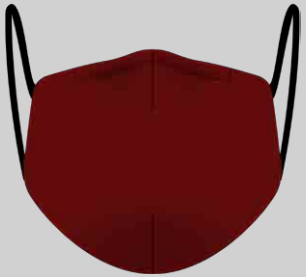
V5.XI89 / SNAKE

V1.XI79 / BLACK

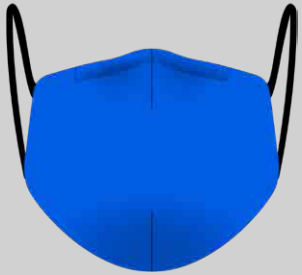
A022 / BLACK



A023 / WHITE



A668 / BORDEAUX



A669 / TOURQUOISE

A686 / TORTORA

A687 / ANTRACITE

A685 / BLUE

PURE AIR

NECK WARMER SR

AA004U.TEPL02

Neck warmer in elastic fabric, thermic, with CE Medical Face Mask EP-PA-2020 washable, sanitizable, ecological , reciclable, breathable, anallergic. Slim fit on the face thanks to the regulation behind the head with cord and stopper, adjustable aluminium band to adapt the mask on the nose.

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A655 / FLUID TURQUOISE

A656 / FLUID BLACK

A663 / LEOPARD SKIN

PURE AIR

NECK WARMER JR

AA004J.TEPL02

Neck warmer in elastic fabric, thermic, with CE Medical Face Mask EP-PA-2020 washable, sanitizable, ecological , reciclable, breathable, anallergic. Slim fit on the face thanks to the regulation behind the head with cord and stopper, adjustable aluminium band to adapt the mask on the nose.

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A655 / FLUID TURQUOISE

A656 / FLUID BLACK

A663 / LEOPARD SKIN

PURE AIR

NECK TUBE SR

AV005U.TEPL02

Neck warmer in bielastic fabric, confortable, anti-peeling, UV RAYS protection with CE Medical Face Mask EP-PA-2020 washable, sanitizable, ecological , reciclable, breathable, anallergic, adjustable aluminium band to adapt the mask on the nose.

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A655 / FLUID TURQUOISE

A656 / FLUID BLACK

A663 / LEOPARD SKIN

PURE AIR

NECK TUBE JR

AV005J.TEPL02

Neck warmer in bielastic fabric, confortable, anti-peeling, UV RAYS protection with CE Medical Face Mask EP-PA-2020 washable, sanitizable, ecological , reciclable, breathable, anallergic, adjustable aluminium band to adapt the mask on the nose.

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A655 / FLUID TURQUOISE

A656 / FLUID BLACK

A663 / LEOPARD SKIN

PURE AIR

NECK LIGHT SR

AA006U.TS53P0

Light multifunctional neck warmer in stretch microfiber, with antibacterial nanotechnological treatment with silver ions. The fabric is made with a special procedure that makes biological adaptation of the bacteria impossible. This treatment is perfectly tolerant in contact with the skin, preserves hygiene and freshness.

A655 / FLUID TURQUOISE

A656 / FLUID BLACK

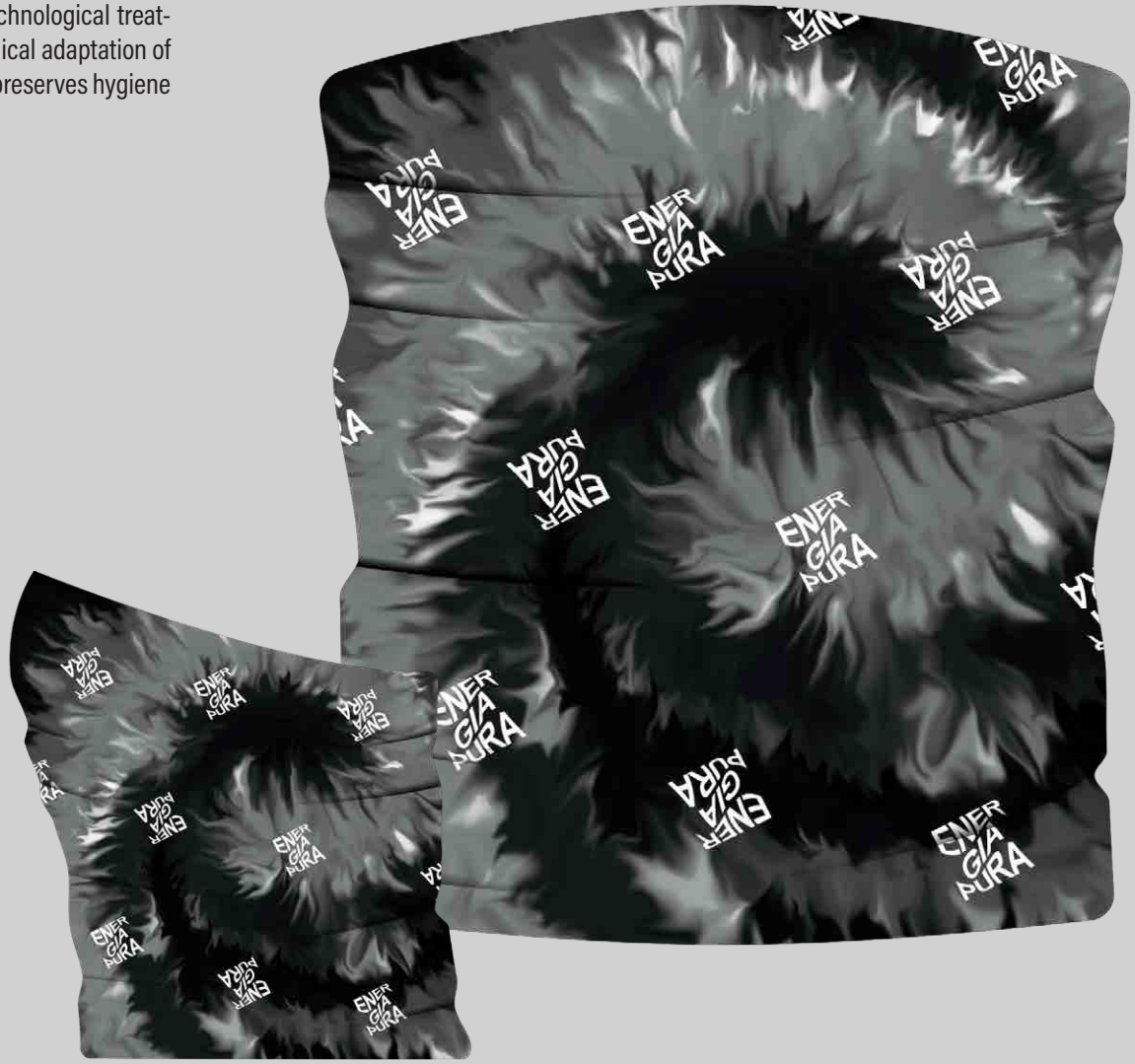
A663 / LEOPARD SKIN

PURE AIR

NECK LIGHT JR

AA006J.TS53P0

Light multifunctional neck warmer in stretch microfiber, with antibacterial nanotechnological treatment with silver ions. The fabric is made with a special procedure that makes biological adaptation of the bacteria impossible. This treatment is perfectly tolerant in contact with the skin, preserves hygiene and freshness.



A655 / FLUID TURQUOISE

A656 / FLUID BLACK

A663 / LEOPARD SKIN

PURE AIR

BALACLAVA SR

AF004U.TEPL02

Balaclava in stretch, thermal fabric with washable, sanitizable, ecological, recyclable, breathable and hypoallergenic CE EP-PA-2020 mask. The fabric is the same as the Neckwarmer model, adjustable aluminium band to adapt the mask on the nose.

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A656 / FLUID BLACK

PURE AIR

BALACLAVA JR

AF004J.TEPL02

Balaclava in stretch, thermal fabric with washable, sanitizable, ecological, recyclable, breathable and hypoallergenic CE EP-PA-2020 mask. The fabric is the same as the Neckwarmer model, adjustable aluminium band to adapt the mask on the nose.

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A655 / FLUID TURQUOISE

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