



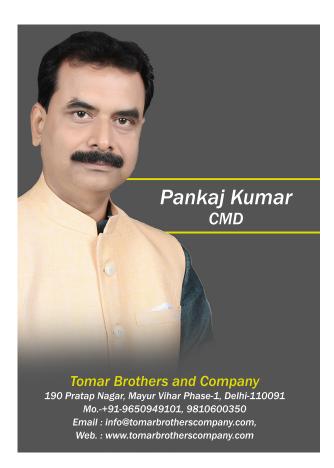


Tomar Brothers and Company

190 Pratap Nagar, Mayur Vihar Phase-1, Delhi-110091, Mo.-+91-9650949101, 9810600350

Email: info@tomarbrotherscompany.com, Web.: www.tomarbrotherscompany.com

Authorized Distributors in All India (Govt. & other sectors)
Marketed by Tomar Brothers and Company. Associate with **P.S. Overseas.**



Desoma.

Desoma GmbH • Janzgasse 4, A - 8010 Graz

To Whom it may Concern

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E-Mail:

jp@desoma.org www.desoma.org 11.Dez.2023

We, Desoma GmbH (Janzgasse 4, A - 8010 Graz), hereby state that company Tomar Brothers & Company (190, Pratap Nagar, Mayur Vihar Phase-1, New Delhi 110091, India) is our authorized distributor an exclusive partnership for safety googles VECTRUS from MPG, including accessories in India.

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Their contact details are as follows: Tomar Brothers & Company 190, Pratap Nagar, Mayur Vihar Phase-1, New Delhi 110091, INDIA 1. Shri Manoj Kumar Singh. Aadhar Number: 9721 970 20897 2. Mr. Pankaj Kumar Aadhar Number: 800267736225

Subject: Authorisation Letter to Represent Desoma in India

Issued by the Unique Identification Authority of India under the Government of India. For any enquiries, please feel free to contact Mr. Manoj Singh on mobile number +91 96509 49101, Mr. Pankaj Kumar on mobile number +91 9810600350 or email mksaicc@gmail.com

Signed for and on behalf of Desoma GmbH



Desoma GmbH - Janzgasse 4, 8020

Graz, Austria Commercial register = Local court Graz, FN 434568 X, VAT ID: ATU69744547, Managing Director: Johann Preinsberger Bank details = UniCredit Bank Austria AG, IBAN: AT38 1200 0100 1285 5044, BIC: BKAUATWW = Restricted

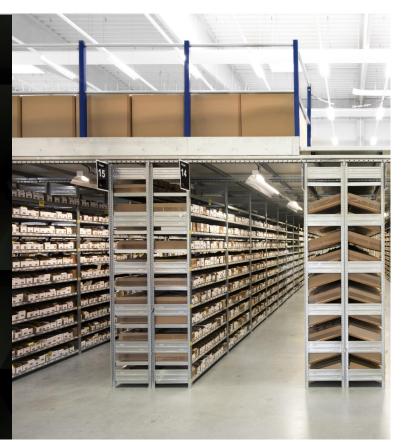
PRODUCER

- MPG is an independent corporate group
- 70 years experience in optic industry
- Key focus in optics and design lenses, optical frames, sunglasses
- Own production in Germany
- International distribution in 70 countries
- 2,500 employees



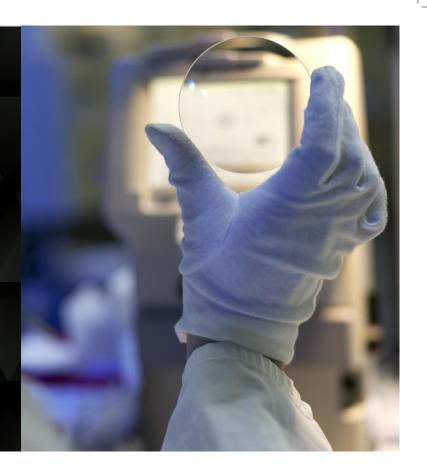
LOGISTICS

- Super modern logistics center in Domažlice / CZ
- Currently 17,000 m² storage area
- 1.5 Mio. optical lenses stored
- 1.5 eyewear frames and sunglasses stored
- Overnight-deliveries in Central Europe



LENS PRODUCTION

- Premium quality lenses developed in Austria and produced in Germany
- Development of innovative technologies
- Continuous development of the high tech machinery
- Wide range of quality optical lenses, developed for the individual needs of spectacle wearers



OEM PROJEKTE

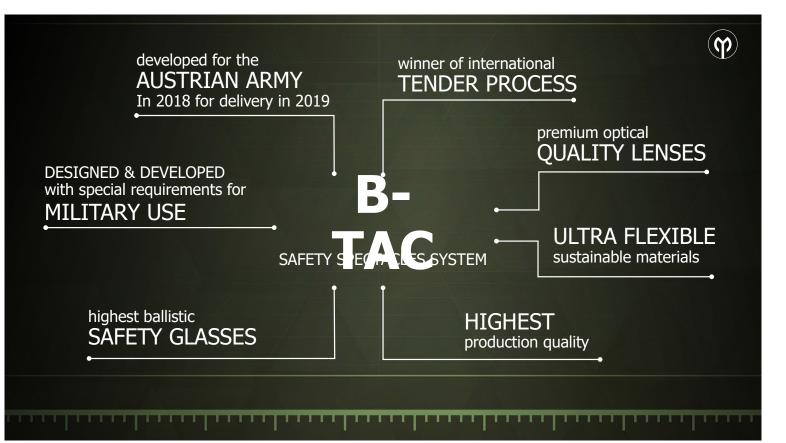
Create your own tactical eyewear according to your vision.

Fully customizable in every aspect:

- Colors
- Material
- Branding
- Glass colors
- Glass certifications

Benefit from our full-service package including comprehensive marketing support.







FORCE

SMOKE

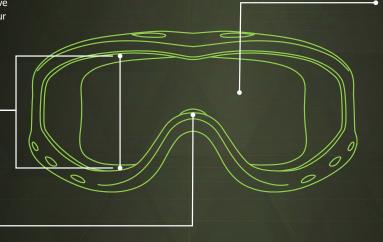
The B-TAC FORCE safety spectacles offer maximum comfort with comprehensive protection. In additionstable hold, four lenses can be replaced as required.

MAXIMUM FIELD OF VIEW

INNOVATIVE CLICK SYSTEM

EASY LENSE

CHANGE





ANTI SCRATCH RESISTANCE



DUST RESISTANCE



PROTECTION AGAINST DROPS AND SPLASHES



RESISTANCE TO FOGGING

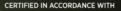


RESISTANCE TO FLAMABILITY



BALLISTIC PROTECTION





EN 166

Flammability feedbance to flagging, furface secitance to demage from small particle Protection from disposes and spleeling, Protection from gases, and five dust.

STANAG 4296

EN 170 / EN 172

EN 207



ANTI SCRATCH RESISTANCE



DUST RESISTANCE



PROTECTION AGAINST DROPS AND SPLASHES



RESISTANCE TO FOGGING



RESISTANCE TO FLAMABILITY



BALLISTIC PROTECTION

Impact resistance level BT (bullet 6 mm / 0,86 gr shot at max 432 m/s)

CERTIFIED IN ACCORDANCE WITH

EN 166
Flammability, Resistance to fogging, Surface resistance to damage from small flammability, Resistance to fogging, Surface resistance to damage from small flammability, Resistance to fogging, Surface resistance to damage from small flammability, Resistance to fogging, Surface resistance to damage from small flammability, Resistance to fogging, Surface resistance to damage from small flammability, Resistance to fogging, Surface resistance to damage from small flammability, Resistance to fogging, Surface resistance to damage from small flammability, Resistance to fogging, Surface resistance to damage from small flammability, Resistance to fogging, Surface resistance to damage from small flammability, Resistance to fogging, Surface resistance to damage from small flammability, Resistance to fogging, Surface resistance to fogging flammability, Resistance fl particles, Protection from droplets and splashing, Protection from gases and fine dust

STANAG 4296

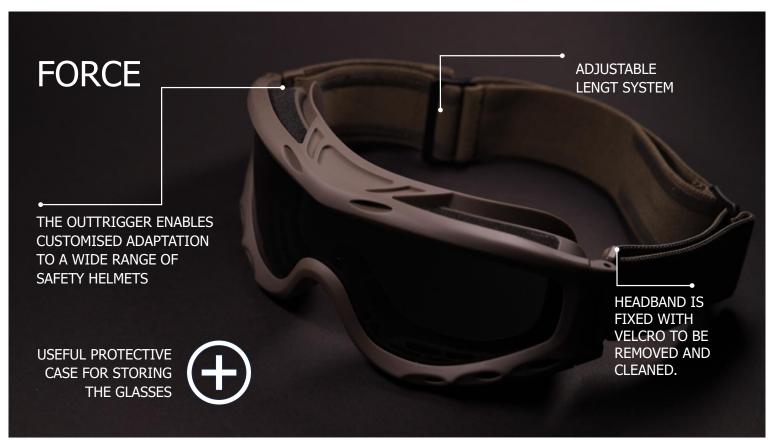
Ballistic protection

EN 170 / EN 172

Transmittance

EN 207

Filter resistance to laser radiation





VISION

SMOKE

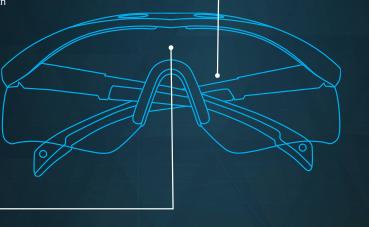
The B-TAC VISION open consists of a flexible frame with flat, adjustable templeand changeable ballistic lenses, which snap into the frame.

The B-TAC VISION is available in 2 sizes: Regular and Large.

INNOVATIVE

EASY LENSE CHANGE

CLICK SYSTEM



**

ANTI SCRATCH RESISTANCE



PROTECTION AGAINST DROPS AND SPLASHES



RESISTANCE TO FOGGING



RESISTANCE TO FLAMABILITY



BALLISTIC PROTECTION



EN 166

ETV 100 Planerability, theretake to foggery, traffice resistance to clarage from small pa

STANAG 4296 tellistic production EN 170 / EN 172

EN 207



ANTI SCRATCH RESISTANCE



PROTECTION AGAINST DROPS AND SPLASHES



RESISTANCE TO FOGGING

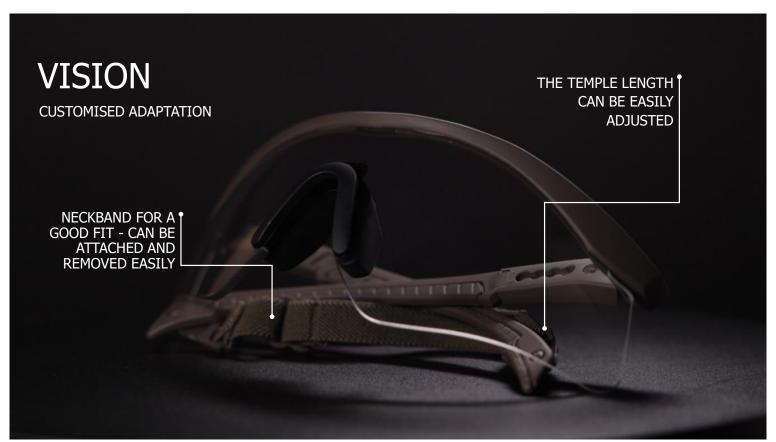


RESISTANCE TO FLAMABILITY



BALLISTIC PROTECTION

Impact resistance level BT (bullet 6 mm / 0,86 gr shot at max 162 m/s)







SMOKE

Reduce extreme glare. Use outdoors or in bright conditions.

CONTRAST

Provide crisp definition in low-light conditions. Use during dull, cloudy or hazy conditions.

LASER

Protects against laser beams.

CLEAR

Maximum light transmittance. Use indoors or at night.





LASER PROTECTION SYSTEM

- Unique developed laser safety lenses formula with multiple wavelength spectrum lenses
- Highest laser stream absorption in defined wavelength spectres for maximum protection of the eyes against external laser attacks
- Defined laser-compatible wavelength spectres for optimal handling with own lasercontrolled equipment



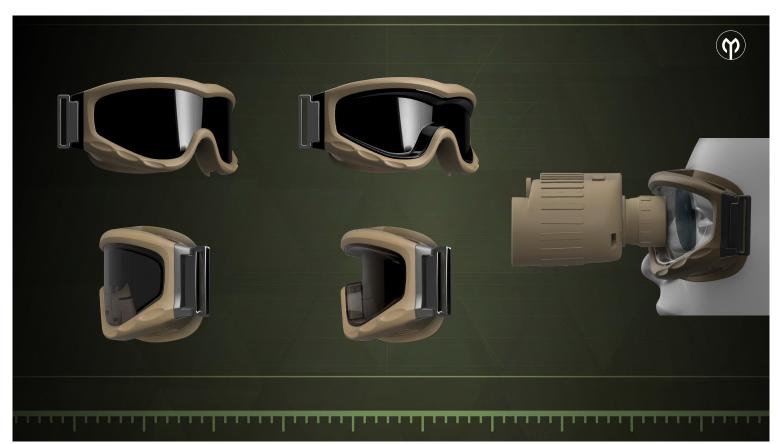


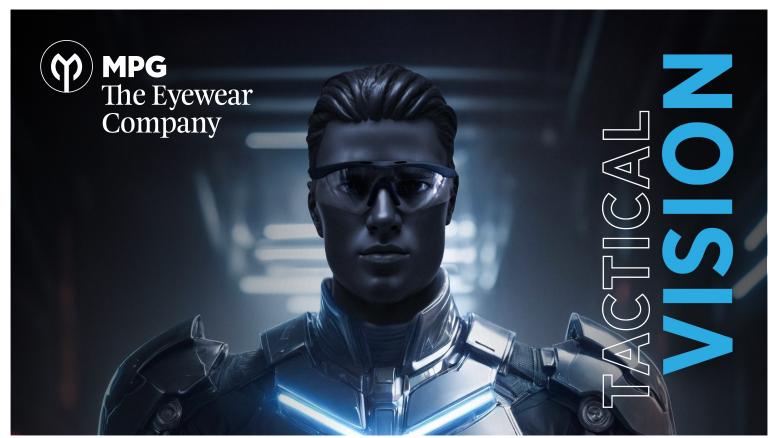




EYEBOWS® protective visor is made:

- To uniquely provide Field of View (Eye-Relief) in the combined use with telescopic/microscopic visual aids
- For even those users with vision correction provides standard eyeglasses/spectacles
 Vertex Distance
- To allow the use of any type of lenses (Plano, clear, sun, contrast, laser)







Designed & developed with special requirements for **MILITARY USE**

Premium optical **QUALITY LENSES**

SAFETY SPECTACLES SYSTEM

B-TAC

Highest ballistic **SAFETY GLASSES**

Highest production QUALITY

ULTRA-FLEXIBLE sustainable materials

sustainable n





BF001 B-TAC FORCE

Lens base 5 / Cylindrical / thickness 3 mm



Clip-on adapter for prescription lenses

Certified according to:

Impact resistance level BT (bullet ø 6 mm / 0,86 gr shot at max 432 km/h)

Resistance to flammability

Resistance to fogging

Protection against drops, splashes and liquids

Gas and fine dust particles

Surface antisctrach resistance against damage by Large dust particles

Laser lens filter resistance against laser beams

Ballistic protection according with STANAG 4296 V50







Available lenses:

SMOKE (5-3,1 1 FTKN) Yellow (2-1,2 1 FTKN)

Clear (2C-1,2 1 FT KN)

Laser 694 DIR LB3 \ 830-860 DIR LB2 \ 1064 DIR LB5



BV100-1 | B-TAC VISION

Lens base 6 / spherical / thickness 2.50 mm



Clip-on adapter for prescription lenses



Certified according to:

Impact resistance level FT (bullet ø 6 mm / 0,86 gr shot at max 162 km/h)

Resistance to flammability

Resistance to fogging

Surface antisctrach resistance against damage by small particles

Laser lens filter resistance against laser beams

Ballistic protection according with STANAG 4296

Product available in 2 sizes (regular and large)



Available lenses:

SMOKE (5-3,1 1 FTKN)

Yellow (2-1,2 1 FTKN)

Clear (2C-1,2 1 FT KN)

Laser 694 DIR LB3 \ 830-860 DIR LB2 \ 1064 DIR LB5



P-TAC101 COBRA

Sunglass = base 7 / spherical / thickness 2.50 mm Color: RAL7013





SMOKE (5-3,1 1 FTKN) Clear (2C-1,2 1 FT KN)

Laser 694 DIR LB3 \ 830-860 DIR LB2 \ 1064 DIR LB5

Certified according to:

Impact resistance level FT (bullet ø 6 mm / 0,86 gr shot at max 162 km/h)

Resistance to flammability

Resistance to fogging

Surface antisctrach resistance against damage by small particles

Laser lens filter resistance against laser beams

Ballistic protection according with STANAG 4296

Super slim tip-end for comfortable fitting with headphone





ECS GmbH - European Certification Service Augenschutz und Persönliche Schutzausrüstung

Laserschutz und Optische Messtechnik

Test Report

Contact person: Angelica Soto Duran +49 (0)7361 9757399 +49 (0)7361 5562434 E-mail: angelica.soto@ecs-evesafe.de www.ecs-eyesafe.de Test lab accredited by DAkkS D-PL-19590-02

No. 0377-ECS-20

ZLS-NB-0304 Notified by the Central Authority of the Federal States for Safety Technologies (ZLS)

Customer Manufacturer Michael Pachleitner Group GmbH Liebenauer Tangente 4 8041 GRAZ

AUSTRIA

Test report contains Main part and 1 measurement report

Number of pages in this test report

12 Product Laser eye-protector, laser protection filter

Arrival of the samples Sep 18, 2020

Period of testing Sep 30, 2020 - Jun 28, 2021

Test specifications (Standards) EN 207: 2017

Remarks

The results described in this test report refer to the mentioned test samples, exclusively. A copy of the test report, complete or in extracts, is not allowed without any written permission of the ECS GmbH

Ulm HRB 720731

Aalen, 28 Jun 2021

MSc. Angelica Soto Duran Head of ECS test lab

Adresse: Geschäftsführer: Hüttfeldstraße 50 73430 Aalen Dr. Bernhard Schmitz

USt-IdNr. DE253376674 Main part: page 2 of 3

Test Report No. 0377-ECS-20 from 28/06/2021

Test objects, tests and results

Based on the tables as written in the standards EN 207, the main part assigns the test samples to the named tests. The test results are documented according to the named standards.

Signs and symbols

The requirements are described in EN 207.

+	meet the requirements
-	do not meet the requirements
/	not tested

not applicable n.a.

n.v. not available

G borderline case

interruption of the testing sequence

continuous-wave (cw) laser

free-running, pulsed laser

giant-pulsed laser (Q-switched laser)

mode-coupled pulsed laser

во Base out

BI Base in

RT Room temperature

Whenever the dioptric power of the surface is stated, this value was calculated using the formula F=0.523/r, where "r" is the radius of the curved surface.

The relative measurement uncertainties of the applied optical metrological instruments correspond to the required one in EN 167.

Unless stated otherwise, the measurements were carried out in the main viewing point of the specimens and, in the case of lenses with corrective power, at the applicable reference point,

Test results

The annexes document the test results of each individual measurement. All results printed in bold and italic type document that the test sample did actually not meet the requirements which are demanded in the specified standards.



Test Report No. 0377-ECS-20 from 28/06/2021

Main part: page 3 of 3

	Samples and sur	nmary o	of the test	results		
Type:	Laser protection filter					
Test repo	rt: 03771-ECS-20					
	of delivered samples: of test samples:					
Test equence	Requirement			Te	sts	Samples
			acco	rding to		00077 4 4-
		EN	Clause	EN	Clause	20377-1 to -
1	Marking	207	6	207	6	+
2	Information delivered by the manufacturer / applicant	207	5	207	5	n.a.
3	Construction of the filter	207	3.9	207	3.9	+
4	Field of vision	207	3.8	207	4.9	n.a.
5	Area of coverage	207	3.9	207	4.10	n.a.
6	Quality of material and surface	207	3.5.1	167	5	+
7	Spherical + astigmatic refractive powers	207	3.4	207 167	4.5 3	+
8	Prism imbalance	207	3.4	207 167	4.5	+
9	Diffusion of light, reduced luminance coefficient	207	3.5.2	207 167	4.6.2 4	+
10	Luminous transmittance rel. NA / D65	207	3.2	207 167	4.3 6	+
11	Spectral transmittance at laser wavelength/s	207	3.1	207167	4.2 6	+
12	Resistance of filters to laser radiation	207	3.3	207	4.4	+
13	Resistance to ageing – elevated temperature	207	3.6	207	4.7	+
14	Resistance to ageing – UV radiation	207	3.6	207 168	4.7 6	+
15	Mechanical strength / increased robustness (S)	207	3.10	166 168	7	+
16	Resistance to ignition	207	3.7	207 168	4.8 7	+
See the i	measurement report 1 for the individual	results	of each te	est sampl	e.	



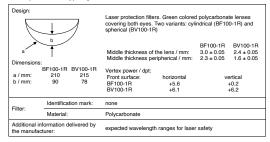
Test Report No. 0377-ECS-20 from 28/06/2021

Measurement report 1: Page 1 of 9

Test mark:	03771-ECS-20
Type:	Laser protection filter, BF100-1R / BV100-1R

Measurement Report 1

Description of the type - general construction



Samples assigned to numbers

Samples number	Model lase	r protection filter
20377- odd numbers	BF100-1R, cylindrical laser filter	1331
20377- even numbers	BV100-1R, spherical laser filter	JOS 2

210628_mas_Test report 0377-ECS-20 Main Part.docx

210628_mas_Measurement Report 0377 1_Laser Filter BF100-1R-BV100-1R.docx



est Report No. 0377-ECS-20 from 28/06/2021	Measurement report 1: Page 2 of

Test mark:	03771-ECS-20
Type:	Laser protection filter, BF100-1R / BV100-1R

Quality of material and surface, field of vision, area of coverage, refractive powers, prism imbalance, diffusion of light, transmission

test \downarrow sample \rightarrow		20377						
			-1	-2	-3	-4	-5	-6
quality of material and surface	+	+	+	+	+	+		
field of vision			+	+	+	+	+	+
area of coverage			+	+	+	+	+	+
spherical power	R L	dpt	-0.01 -0.01	-0.01 -0.01	-0.01 -0.01	0.00 -0.01	-0.01 -0.01	0.00 0.00
astigmatic power	R L	dpt	0.00 0.00	0.03 0.03	0.01 0.01	0.02 0.02	0.01 0.00	0.02 0.02
prism imbalance cm / (horizontal/vertical) m			0.00 / 0.00	BI 0.05 / 0.03	0.00 / 0.00	BI 0.05 / 0.00	BO 0.05 / 0.05	BI 0.10 / 0.00
optical class			1	1	1	1	1	1
reduced luminance coefficient, diffusion of light	R L	cd/m² lx	0.35 0.35	0.27 0.23	0.18 0.20	0.29 0.21	0.25 0.22	0.17 0.11
luminous transmittance rel. NA τν %			43.5	43.7	43.8	44.0	43.1	43.2
luminous transmittance rel. D65 τ	v	%	46.4	46.5	46.6	46.8	45.8	46.0



Test Report No. 0377-ECS-20 from 28/06/202	Measurement report 1: Page 3 of 9

Test mark:	03771-ECS-20
Type:	Laser protection filter, BF100-1R / BV100-1R

Transmission spectra / Absorption spectra

		20377						
test ↓	sample →	-1	-3	-5	-2	-4	-6	
spectral transmittance at laser wavelengths for BF100-1R	694 nm 830 nm – 860 nm 1064 nm		OD > 3 OD > 4 OD > 6			-		
spectral transmittance 694 nm at laser wavelength/s 830 nm – 860 nm for BV100-1R 1064 nm						OD > 3 OD > 4 OD > 6		
optical density @ 1064	7.0	7.4	7.3	7.7	7.8	7.5		

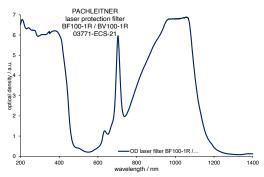


Figure 2: Spectral transmittance of laser filter BF100-1R and BV100-1R



Test Report No. 0377-ECS-20 from 28/06/2021 Measurement report 1: Page 4 of 9

Test mark: 03771-ECS-20

Type: Laser protection filter, BF100-1R / BV100-1R

Quality of material and surface, refractive powers, diffusion of light, transmission after test to thermal ageing

test ⊥ sample →		20377			
test ‡ sample →		-1	-3		
quality of material and surface		no visible surfac	ce modification after	thermal ageing	
spherical power R	dpt	-0.01 -0.01	-0.01 -0.01	0.00 0.00	
astigmatic power L	dpt	0.01 0.01	0.01 0.01	0.01 0.02	
reduced luminance coefficient, diffusion of light	cd/m² lx	0.23 0.18	0.24 0.16	0.18 0.18	
luminous transmittance rel. D65 $\tau_{\text{\tiny V}}$	%	45.6	46.5	46.0	
relative change	%	1.7	0.1	1.3	

Quality of material and surface, refractive powers, diffusion of light, transmission after test to UV ageing

test ∣ sample →			i	
		-4	-5	-6
quality of material and surface		ifications or cracks a azy after breathing		
spherical power	dpt	-0.01	-0.01	-0.01
astigmatic power	dpt	0.01	0.01	0.01
reduced luminance coefficient, diffusion of light	cd/m² lx	0.60	0.21	0.31
reduced luminance coefficient, diffusion of light after breathing on the surface	cd/m² lx	1.9*	1.2*	1.5*
luminous transmittance rel. D65 τ_V	%	45.3	43.9	44.9
relative change	%	3.3	4.3	2.3

*Remark: An increased value for the reduced luminance coefficient / scattered light after breathing on the samples' surfaces indicates a beginning depletion of the surface coatings.



Test Report No. 0377-ECS-20 from 28/06/2021	Measurement report 1: Page 5 of 9

Test mark:	03771-ECS-20
Type:	Laser protection filter, BF100-1R / BV100-1R

Increased robustness

sample ↓ test →	test temperature / °C	test point	results
20377-19	-5	left frontal	+
20377-20	-5	left frontal	+
20377-21	21 -5 right frontal +		+
20377-22	-5	right frontal	+
20377-23	+55	right frontal	+
20377-24	20377-24 +55		+
20377-25	+55	left frontal	+
20377-26	+55	left frontal	+

Resistance to ignition

	test ↓	$\text{sample} \rightarrow$	20377			
			-19	-20	-21	
		temperature ≥ 650 °C no ignition, no further glowing				



Test Report No. 0377-ECS-20 from 28/06/2021 Measurement report 1: Page 6 of 9

Test mark:	03771-ECS-20
Type:	Laser protection filter, BF100-1R / BV100-1R

Resistance to laser radiation

Wavelength ran	Navelength range: 315 nm to 1400 nm						
Laser	RUBIN-Laser, Type NWL Meltemi Q-switch ruby laser			Wavelength	694 nm		
Test report	The following measurements were performed on 27 May 2021 at: Institut für Lasertechnologien in der Medizin und Meßtechnik an der Universität Ulm, Helmholtzstraße 12, 89081 ULM, GERMANY The tests were performed by: Dipling. Rolf Diebolder, senior scientist at the ILM				,		
Samples	Laser protection	n filter BF100-1R / I	BV100-1R, labelled by 203	77-16, -17, -18			
Test conditions			Observations				
LB-scale numb	er to be tested	R LB3					
required energy	required energy density 5 J/m²		İ				
pulse duration / measurement p number of pulse	period /	40 ns / 50 s / 50 pulses					
pulse repetition rate 1 Hz		1 Hz	Laser-facing side: no material or surface				
beam diameter		1 mm	modification observed on laser irradiated ar		area		
irradiated area		0.79 mm²	Eye-facing side: no thermally induced surface modification observed				
avg. power, externally measured 4.1 mW		4.1 mW	No transmission registered.				
energy per puls measured	se, externally	4.1 mJ					
energy density, exposure	radiant	5.2 * 10 ³ J/m ²	/m²				
measured LB-scale number 103 R LB3							



Test mark:	03771-ECS-20
Type:	Laser protection filter, BF100-1R / BV100-1R

Resistance to laser radiation

Wavelength range: 315 nm to 1400 nm

Laser	Diode pumped Ytterbium-Faserlaser, Wavelength 1070 n						
	type IPG YLR-2	type IPG YLR-200-SM-WC					
	The following measurements were performed on 16 Dec 2020 at:						
Test report		Bayerisches Laserzentrum GmbH, Konrad-Zuse-Straße 2-6, 91052 ERLANGEN. GERMANY					
	Test report: BL	Z-ECS 1129-20					
Samples	Laser protection	n filter BF100-1R / I	BV100-1R, labelled by 203	77-7, -8, -9			
Test conditions			Observations				
LB-scale number to be tested D LB6							
required power density 10 ⁷ W/m ²		10 ⁷ W/m ²					
laser mode / cw / 5 sec measurement period		cw / 5 sec	Laser-facing side: surface melting effects and foaming on laser irradiated areas				
beam diameter 1.0 mm		1.0 mm	Eye-facing side: no thermally induced surface				
irradiated area 0.7		0.79 mm²	modification observed				
power, externally measured 8.1 W		8.1 W	No sample showed any transmission.				
power density, irradiance 1.0 * 10 ⁷ W/m ²		1.0 * 10 ⁷ W/m ²					
measured LB-scale number 1.0 * D LB6							



Test Report No. 0377-ECS-20 from 28/06/2021	Measurement report 1: Page 8 of 9

Test mark:	03771-ECS-20
Type:	Laser protection filter, BF100-1R / BV100-1R

Resistance to laser radiation

Wavelength range: 315 nm to 1400 nm

Laser		CR 4 flashlight pumpe a laser, free running n		Wavelength	1064 nm
Test report	The following measurements were performed on 13 Dec 2020 at: Institut für Lasertechnologien in der Medizin und Meßtechnik an der Universität Ulm, Helmholtzstraße 12, 99081 ULM, GERMANY The tests were performed by: DiplIng. Rolf Diebolder, senior scientist at the ILM Laser protection filter BF100-117 /BV100-1R, labellied by 20377-10, -11, -12				
Samples	Laser protectio	n lilter br 100-111 / b	7100-1H, labelled	by 20377-10, -11	, -12
Test conditions	3		Observations		
LB-scale numb	er to be tested	I LB6			
required radiar	required radiant exposure				
pulse duration / measurement period / number of pulses		150 µs / 5 s / 50 pulses			
pulse repetition	n rate	10 Hz	Laser-facing side: no material or surface modification observed on laser irradiated a Eye-facing side: no thermally induced surf modification observed		
beam diamete	r	1 mm			
irradiated area		0.79 mm²			
avg. power, externally measured		48 mW	No transmission registered.		
energy per pulse, externally measured		4.8 mJ			
radiant exposure		6.0 * 10 ³ J/m ²			
measured LB-scale number 1.3		1.2 * I LB6			



Test Report No. 0377-ECS-20 from 28/06/2021	Measurement report 1: Page 9 of

Test mark:	03771-ECS-20
Type:	Laser protection filter, BF100-1R / BV100-1R

Resistance to laser radiation

Wavelength range: 315 nm to 1400 nm

**avoiongui iai	ige. 515 mm to 1-	100 11111			
Laser		CR 4 flashlight pumpe laser, Q-switch mod		Wavelength	1064 nm
Test report	Institut für Lase Helmholtzstraß The tests were	neasurements were p ertechnologien in der le 12, 89081 ULM, Gl performed by: DiplI n filter BF100-1R / B\	Medizin und Meßt ERMANY ng. Rolf Diebolder	echnik an der Uni	at the ILM
Test conditions	s		Observations		
LB-scale numb	per to be tested	R LB6			
required radiar	nt exposure	5 * 103 J/m²			
pulse duration measurement number of puls	period /	9 ns / 5 s / 50 pulses			
pulse repetition	n rate	10 Hz		de: no material or served on laser ir	
beam diamete	r	1 mm	Eye-facing side	e: no thermally ind	luced surface
irradiated area avg. power, externally measured		0.79 mm²	No transmission registered.		
		46 mW	No induced transmission observed.		
energy per pul externally mea		4.6 mJ			
radiant exposu	ire	5.8 * 10 ³ J/m ²			
measured LB-	scale number	1.1 * R LB6			

- End of Measurement Report 1 -



CERTOTTICA

Istituto Italiano per la Certificazione dei prodotti Ottici Scri

Zona Industriale Villanova

I - 32013 Longarone BL



EU TYPE-EXAMINATION CERTIFICATE

no: AC 19229

Pursuant to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016,

CERTOTTICA Scri

Italian Institute for the certification of optical products
Notified body under PPE Regulation with identification number: 0530

considering application for EU type-examination no. 19236 submitted on 22/05/2019

CERTIFIES THAT

the following personal protective equipment type

Personal eye protector - Spectacle

BIONIC 002/Vision Regular BV100-1 BIONIC 002/Vision Large BV100-2

submitted by

Michael Pachleitner Group

Liebenauer Tangente 4, 8041 Graz - AUSTRIA

meet the essential health and safety requirements which apply to it.

Description of the personal protective equipment model, references to the standards, test results and description of the CE marking placed on the equipment are described on pages 2, 3 and 4 of this document.

First issued on:

06/09/2019

Renewal or revision date Expiry date:

05/09/2024

Longarone,

06/09/2019

Certification Services Manager (Giorgie Sommano) Longarone

This document has no. 4 numbered pages.

EU type-examination certificate no. AC

19229 dated 06/09/2019

ACCREDIA T

PRD N*1428
Membro degli Accordi di Mutue Riconoscimento
EA, IAF e ILAC
Signatory of EA, IAF and ILAC
Mutual Recognision Agresments

1. Description of the Personal Protective Equipment

Identification of the PPE: BIONIC 002/Vision Regular BV100-1 BIONIC 002/Vision Large BV100-2

Trade name: B-TAC

Kind of equipment: Personal eye protector - Spectacle

Ocular Material Polycarbonate

Frame Material Nylon and TPR In compliance with Standard(s): EN 166:2001

PPE Category: II

PE Category.

Field(s) of use: Protection against high-speed particles at extremes of temperature - Low energy impact;

Protection against optical radiation - Ultraviolet filters - EN 170 (Clear and Yellow oculars);

Protection against optical radiation - Sunglare filters for industrial use - EN 172 (Smoke ocular);

and /

Resistance to surface damage by fine particles;

Resistance to fogging of oculars.

Note: The eye-protector model BIONIC 002/Vision Regular BV100-1 BIONIC 002/Vision Large BV100-2 has two frame variants; regular size - reference code BV100-1 and large size - reference code BV100-2.

The eye-protector model BIONIC 002/Vision Regular BY100-1 BIONIC 002/Vision Large BY100-2, in both frame variants, has three ocular variants: Clear (protection against optical radiation - ultraviolet filters), Yellow (protection against optical radiation - ultraviolet filters) and Smoke (protection against optical radiation - ultraviolet filters) and Smoke (protection against: optical radiation - sunglare filters for industrial use).

Manufacturer's name:

Michael Pachleitner Group

Manufacturer's address:

Liebenauer Tangente 4, 8041 Graz - AUSTRIA

Authorised representative's name:

Authorised representative's address: /

Michael Pachleitner Group

Certificate's holder: Holder's address:

Liebenauer Tangente 4, 8041 Graz - AUSTRIA











ACCREDIA 7

EU type-examination certificate no. AC 19229 dated 06/09/2019

PRD N*1428 Membre degli Accordi di Nutuo Riconescimente EA, IAF e ILAC Signatory of EA, JAF and SLAC Hutual Recognition Agreements

Levels of protection offered by the	PPE			
Applicable harmonised standards/te	echnical specifications:			
EN 166:2001 - Personal eye-protei	ction - Specifications			
EN 167:2001 - Personal eye-protec	ction - Optical test methods			
EN 168:2001 - Personal eye-protei	ction - Non-optical test methods			
EN 170:2002 - Personal eye-proteirecommended use	ction - Ultraviolet filters - Transmi	ttance requirements and		
EN 172:1994/A1:2000/A2:2001 - P	ersonal eye-protection - Sunglare	e filters for industrial use		
Personal protection equipment mod	del: BIONIC 002/Vision Regular BV10	00-1 BIONIC 002/Vision Large BV100-2		
		al requirements provided for by the use of this PPE in the foreseeable		
Protection against high-speed partic	cles at extremes of temperature -	Low energy impact:		
Resistance to surface damage by fine particles;				
Resistance to fogging of oculars.				
/				
1				
Moreover, the personal protection e the connected harmonised standard				
EN 170 and EN 172				
The eye-protector model BIONIC 002/ variants Clear and Yellow is designed f The eye-protector model BIONIC 002/v ocular variant is designed for protection	or protection against optical radiation rision Regular BV100-1 BIONIC 002	Vision Large BV100-2 with the Smoke		
Test and examinations results ar	e covered by the following test	reports:		
CERTOTTICA	193773	11/07/2019		
CERTOTTICA	193774	11/07/2019		
CERTOTTICA	193775	11/07/2019 Lon		
CERTOTTICA	193776	11/07/2019		
CERTOTTICA	195460	23/08/2019		
CERTOTTICA	195461	23/08/2019		
CERTOTTICA	195462	23/08/2019		
1	1			
1	1			

EU type-examination certificate no. AC 19229 dated 06/09/2019

PRD Nº1428 Membro degli Accordi di Mutuo Ricon BA, TAF e TLAC Signatory of EA, IAF and ILAC Multirel Recognition Agreements

. The marking elemen	ts reproduced on the oculars are t	he following: Ocular 1	Ocular 2
Variant	Clear ocular	2C-1,2	1
Scale Number	Yellow ocular	2-1,2	,
	Smoke ocular	5-3,1	,
		1	1
Manufacturer's Identific	ation	φ	1
Optical class		1	1
Standard of reference			1
Symbol of Mechanical F	Resistance	FT	1
	damage by fine particles	К	1
Resistance to fogging of	of oculars	N	1
I		1	1
1		1	1
1		1	1
CE Marking		CE	1
5. The Marking eleme Manufacturer's Identific	ents reproduced on the frame are t	he following:	(p)
Reference standard			EN 166
	speed particles at extremes of temp	erature - Low energy	FT
1			1
1			1
1			1
1			1
CE Marking			CE
Marking Inside the sposition:	ectacles frontal, in the left middle por	sition.	
			(4R10
6. Stetment for categories	ory III PPE:		Longe
1			100
Terme	and conditions under which	the Certificate is issue	od C.F

a) Marking and instructions have been examined in English. Obtaining and supplying versions in languages accepted by the countries where the product is sold are under the complete responsibility of the Manufacturer or of his authorized representative. b) Any changes the product, to the Sectional documentation or, in set cases, to the manual or to the quality control procedures, shall be notified in time to Certotica.
Or The Manufacturer or his authorized representative shall respect the procedures and rules provided for by Certotica for the issuing of

the EU type-examination.

the EU type-examination.

Of Copies of the EU type-examination criticals, supplied to their parties, said to expected in their entirely.

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This EU type-examination criticals remains property of Certotics, which can ask it to be returned if any of the above mentioned conditions is not respected.



Trendy, ballistic eyewear developed in Austria

We work together with the best and most innovative eyewear manufacturer in the optical sector in Austria.

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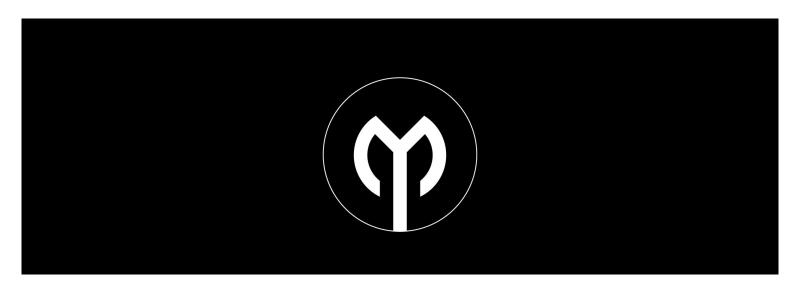
CTAC

HIGHEST production quality

Best LASER PROTECTION

> Best ballistic SAFETY GLAS

ULTRA-FLEXIBLE sustainable materials





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