

2019



 CARBO
LIFE

life changing
products

CATALOGUE 2019

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EXPERIENCE MEETS PASSION

Based on longtime scientific experience, CarboLife develops and produces premium products, made of innovative composites. The Dresden-based company integrates lightweight construction expertise in rehabilitation products.

We gained our extensive knowledge in the field of practical lightweight construction through longtime scientific work for the aviation, automotive and shipping industries.

Our products are based on lightweight construction materials like carbon. Its our aim to combine functionality and aesthetics, since assistive devices accompany the physically impaired during the whole day. Based on our experience in lightweight construction, we create products, that are light, functional and of high aesthetic quality.



Perfect ergonomics
with every push.

HAND RIMS OVERVIEW

Hand rims for Paraplegics

functioning hand with **full** hand power

functioning hand with **reduced** hand power

HAND SIZE

small large

small large



Curve



Curve L



Gekko S
with Silicon band



Gekko
with Silicon band



Hand rims for Tetraplegics

limited hand function **with** Triceps

limited hand function **without** Triceps



Curve Tetra Grip
Profile size 28 mm | strong grip



Curve L Tetra Grip
Profile size 34 mm | maximum grip



Quadro
maximum grip

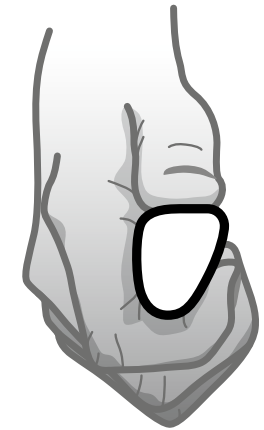




CURVE & CURVE L



Curve



Curve L

Advantages

The innovative profile enables you to gain controlled, low-effort grip while stabilising your wrist. Compared to conventional handrims, the hand muscles tire less and helping to reduce cramps and relieve pain due to carpal tunnel syndrome and creating a relaxed and lasting riding experience.

Suited for

wheelchair users with complete hand function.

Recommendation for profile size and coating

Wheelchair users with small hands should use the small Curve profile. If you have normal or large sized hands, we recommend choosing the larger Curve L profile. Those who enjoy fast downhill rides in higher temperatures, should use the anodized surface.

ORDER NUMBERS

CURVE & CURVE L

Curve | powder-coated | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22AG661P21
24"	bolt circle diameter: 502 mm	black	24AG600P21
24"	bolt circle diameter: 515 mm	black	24AG615P21
24"	bolt circle diameter: 520 mm	black	24AG620P21

Curve | anodised | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22AG661E21
24"	bolt circle diameter: 502 mm	black	24AG600E21
24"	bolt circle diameter: 515 mm	black	24AG615E21
24"	bolt circle diameter: 520 mm	black	24AG620E21
25"	bolt circle diameter: 539 mm	black	25AG639E21

Curve | powder-coated | 6 tabs

22" *	tab distance: 465 mm	black	22AL665P21
22" *	tab distance: 473 mm	black	22AL673P21
24" *	tab distance: 512 mm	black	24AL615P21
24" *	tab distance: 523 mm	black	24AL623P21
25" *	tab distance: 535 mm	black	25AL635P21

Curve | anodised | 6 tabs

22"	tab distance: 465 mm	black	22AL665E21
22" *	tab distance: 473 mm	black	22AL673E21
24"	tab distance: 512 mm	black	24AL615E21
24"	tab distance: 523 mm	black	24AL623E21
25"	tab distance: 535 mm	black	25AL635E21

Curve L | powder-coated | 6 rivet nuts

24" *	bolt circle diameter: 502 mm	black	24LG600P21
24" *	bolt circle diameter: 515 mm	black	24LG615P21
24" *	bolt circle diameter: 520 mm	black	24LG620P21

Curve L | anodised | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22LG661E21
22"	bolt circle diameter: 461 mm	silver	22LG661E31
24"	bolt circle diameter: 502 mm	black	24LG600E21
24"	bolt circle diameter: 502 mm	silver	24LG600E31
24"	bolt circle diameter: 515 mm	black	24LG615E21
24"	bolt circle diameter: 515 mm	silver	24LG615E31
24"	bolt circle diameter: 520 mm	black	24LG620E21
25"	bolt circle diameter: 539 mm	black	25LG639E21
25"	bolt circle diameter: 539 mm	silver	25LG639E31

Curve L | powder-coated | 6 tabs

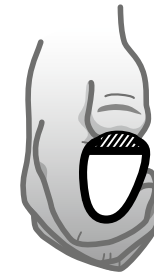
22" *	tab distance: 465 mm	black	22LL556P21
24" *	tab distance: 512 mm	black	24LL615P21
24" *	tab distance: 523 mm	black	24LL623P21
25" *	tab distance: 535 mm	black	25LL635P21
26" *	tab distance: 576 mm	black	26LL676P21

Curve L | anodised | 6 tabs

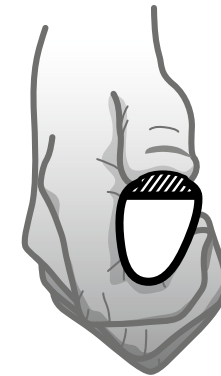
22"	tab distance: 465 mm	black	22LL665E21
22"	tab distance: 465 mm	silver	22LL665E31
24"	tab distance: 512 mm	black	24LL615E21
24"	tab distance: 512 mm	silver	24LL615E31
24"	tab distance: 523 mm	black	24LL623E21
24"	tab distance: 523 mm	silver	24LL623E31
25"	tab distance: 535 mm	black	25LL635E21
25"	tab distance: 535 mm	silver	25LL635E31
26"	tab distance: 565 mm	black	26LL665E21
26"	tab distance: 565 mm	silver	26LL665E31
26" *	tab distance: 576 mm	black	26LL676E21



GEKKO & GEKKO S



Gekko S



Gekko

Advantages

Its perfect ergonomics and outstanding grip along with its low weight make the Gekko a unique, revolutionary handrim. The robust replaceable silicone strip, which is fully integrated into the profile, further enhances the exceptional handling quality of the handrim creating unrivaled riding comfort for you. Additionally, the anodized low-friction surface at the sides prevents heat generation during braking.

Suited for

wheelchair users with complete hand function and either complete or limited hand strength.

Recommendation for profile size and coating

We recommend the Gekko S for users with small hands or children as well. Especially children learn yet by young age, how to push and grab the hand rim properly.

ORDER NUMBERS

GEKKO S

Gekko S | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22SG661E21
22"	bolt circle diameter: 461 mm	silver	22SG661E31
24"	bolt circle diameter: 502 mm	black	24SG600E21
24"	bolt circle diameter: 502 mm	silver	24SG600E31
24"	bolt circle diameter: 515 mm	black	24SG615E21
24"	bolt circle diameter: 515 mm	silver	24SG615E31
25"	bolt circle diameter: 539 mm	black	25SG639E21
25"	bolt circle diameter: 539 mm	silver	25SG639E31

Gekko S | 6 tabs

22"	tab distance: 465 mm	black	22SL665E21
22"	tab distance: 465 mm	silver	22SL665E31
24"	tab distance: 512 mm	black	24SL615E21
24"	tab distance: 512 mm	silver	24SL615E31
24"	tab distance: 523 mm	black	24SL623E21
24"	tab distance: 523 mm	silver	24SL623E31
25"	tab distance: 535 mm	black	25SL635E21
25"	tab distance: 535 mm	silver	25SL635E31
26"	tab distance: 565 mm	black	26SL665E21
26"	tab distance: 565 mm	silver	26SL665E31

Gekko S | Replaceable silicone straps

22"	Silicone strap	black	22SGP21
24"	Silicone strap	black	24SGP21
25"	Silicone strap	black	25SGP21
26"	Silicone strap	black	26SGP21

ORDER NUMBERS

GEKKO

Gekko | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22GG661E21
22"	bolt circle diameter: 461 mm	silver	22GG661E31
24"	bolt circle diameter: 502 mm	black	24GG600E21
24"	bolt circle diameter: 502 mm	silver	24GG600E31
24"	bolt circle diameter: 515 mm	black	24GG615E21
24"	bolt circle diameter: 515 mm	silver	24GG615E31
25"	bolt circle diameter: 539 mm	black	25GG639E21
25"	bolt circle diameter: 539 mm	silver	25GG639E31

Gekko | 6 tabs

22"	tab distance: 465 mm	black	22GL665E21
22"	tab distance: 465 mm	silver	22GL665E31
24"	tab distance: 512 mm	black	24GL615E21
24"	tab distance: 512 mm	silver	24GL615E31
24"	tab distance: 523 mm	black	24GL623E21
24"	tab distance: 523 mm	silver	24GL623E31
25"	tab distance: 535 mm	black	25GL635E21
25"	tab distance: 535 mm	silver	25GL635E31
26"	tab distance: 565 mm	black	26GL665E21
26"	tab distance: 565 mm	silver	26GL665E31
26"	tab distance: 576 mm	black	26GL676E21

Gekko | Replaceable silicone straps

22"	Silicone strap	black	22GGP21
24"	Silicone strap	black	24GGP21
25"	Silicone strap	black	25GGP21
26"	Silicone strap	black	26GGP21



CURVE TETRA GRIP & CURVE L TETRA GRIP



Curve Tetra Grip



Curve L Tetra Grip

Advantages

Being larger than conventional round profiles, this innovative profile provides tetraplegics with triceps function with a gripping surface optimised for exerting considerably more pressure on the pushrim. As a result, propelling the wheelchair along a flat road and particularly uphill requires less physical effort while being much gentler on the joints and ensuring better and more secure wheelchair handling. Along with the extremely durable anti-slip coating, the handrims make riding and steering your wheelchair much safer. When braking, the larger gripping surface helps to distribute the pressure much better and thus reduces generation of heat.

Suited for

tetraplegics with triceps function as well as wheelchair users with complete hand function but little hand strength.

Recommendation for profile size and coating

Generally, we recommend using our Curve L Tetra Grip handrim to all tetraplegics with triceps function.

ORDER NUMBERS CURVE TETRA GRIP

ORDER NUMBERS CURVE L TETRA GRIP

Curve Tetra Grip | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22AG661GT1
24"	bolt circle diameter: 502 mm	black	24AG600GT1
24"	bolt circle diameter: 515 mm	black	24AG615GT1
24" *	bolt circle diameter: 520 mm	black	24AG620GT1
25"	bolt circle diameter: 539 mm	black	25AG639GT1

Curve L Tetra Grip | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22LG661GT1
24"	bolt circle diameter: 502 mm	black	24LG600GT1
24"	bolt circle diameter: 515 mm	black	24LG615GT1
24" *	bolt circle diameter: 520 mm	black	24LG620GT1
25"	bolt circle diameter: 539 mm	black	25LG639GT1

Curve Tetra Grip | 6 tabs

22"	tab distance: 465 mm	black	22AL665GT1
24"	tab distance: 512 mm	black	24AL615GT1
24"	tab distance: 523 mm	black	24AL623GT1
25"	tab distance: 535 mm	black	25AL635GT1

Curve L Tetra Grip | 6 tabs

22"	tab distance: 465 mm	black	22LL665GT1
24"	tab distance: 512 mm	black	24LL615GT1
24"	tab distance: 523 mm	black	24LL623GT1
25"	tab distance: 535 mm	black	25LL635GT1
26"	tab distance: 565 mm	black	26LL665GT1
26"	tab distance: 576 mm	black	26LL676GT1

* Available while stocks last.



QUADRO

Advantages

Designed with the biomechanics of tetraplegics with no triceps function in mind, the profile of the Quadro provides a considerably larger gripping surface than a conventional handrim. Featuring an extremely robust anti-slip coating, it offers you unsurpassed grip for efficient propulsion as well as maximum control during braking and when correcting the direction of travel.



Quadro

Suited for

tetraplegics without triceps function.

Quadro | 6 rivet nuts

22"	bolt circle diameter: 461 mm	black	22QG661GT1
24"	bolt circle diameter: 502 mm	black	24QG600GT1
24"	bolt circle diameter: 515 mm	black	24QG615GT1
25"	bolt circle diameter: 539 mm	black	25QG639GT1

Quadro | 6 tabs

22"	tab distance: 465 mm	black	22QL665GT1
24"	tab distance: 512 mm	black	24QL615GT1
24"	tab distance: 523 mm	black	24QL623GT1
25"	tab distance: 535 mm	black	25QL635GT1
26"	tab distance: 565 mm	black	26QL665GT1
26" *	tab distance: 576 mm	black	26QL676GT1

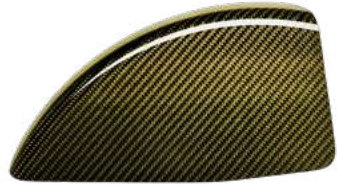
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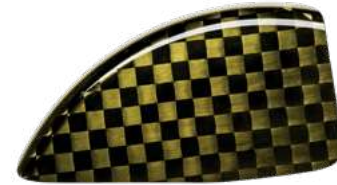
CLOTHING GUARDS SURFACES & COLORS



SAHARA GOLD
F600



ATLANTIC BLUE
F600



SAHARA GOLD
Formular



ATLANTIC BLUE
Formular



MARANELLO
F600



CHOCOLATE
F600



MARANELLO
Formular



CHOCOLATE
Formular



PURPLE PASSION
F600



GREEN FOREST
F600



PURPLE PASSION
Formular



GREEN FOREST
Formular



SUNSET
F600



CARBON BLACK
F600

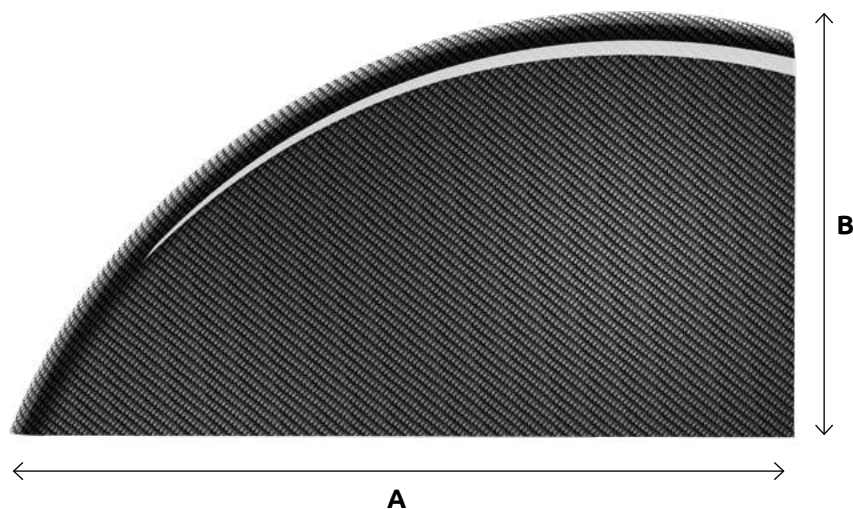


SUNSET
Formular



CARBON BLACK
Formular

CLOTHING GUARD BLANK WITH FENDER



M: A=403 mm | B=208 mm | fender width=40 mm

XL: A=456 mm | B=282 mm | fender width=40 mm

F600

M	Carbon Black	14MF6ST11
XL	Carbon Black	14XF6ST11
XL	Sahara Gold	14XF6SG11
XL	Sunset	14XF6SU11
XL	Maranello	14XF6MA11
XL	Chocolate	14XF6CH11
XL	Purple Passion	14XF6PP11
XL	Forest Green	14XF6FG11
XL	Atlantic Blue	14XF6AB11

Formular

XL	Carbon Black	14XFOST11
XL	Sahara Gold	14XFOSG11
XL	Sunset	14XFOSU11
XL	Maranello	14XFOMA11
XL	Chocolate	14XFOCH11
XL	Purple Passion	14XFOPP11
XL	Forest Green	14XFOFG11
XL	Atlantic Blue	14XFOAB11

Blank example
Formular | Carbon Black



Blank example
F600 | Carbon Black



Advantages

Not only can our clothing guard blanks be customised to fit your wheelchair, but they also set new standards in terms of rigidity, robustness and quality. The innovative use of carbon design fabrics makes for a superior surface quality with a captivating shine and depth effect. Thanks to the wide colour range available, they offer you an unmatched degree of individuality and aesthetic appeal.

Suited for

Our clothing guards permit individual customization for almost every wheelchair. Cutting the custom dimensions is uncomplicated and can usually be done through your specialised retailer. Instructions can be found on our homepage.

ORDER NUMBERS

SOPUR

Sopur | Rigid backrest | F600

M	(24" - 26")	Carbon Black	without slot & holes	14MF6SPFST11
L	(24" - 26")	Carbon Black	without slot & holes	14LF6SPFST11

Sopur | Rigid backrest | Formular

M	(24" - 26")	Carbon Black	without slot & holes	14MFOSPST11
L	(24" - 26")	Carbon Black	without slot & holes	14LFOSPST11

Sopur | Foldable backrest | F600

M	(24" - 26")	Carbon Black	with slot & holes	14MF6SPKST11
M	(24" - 26")	Maranello	with slot & holes	14MF6SPKMA11
M	(24" - 26")	Atlantic Blue	with slot & holes	14MF6SPKAB11
M	(24" - 26")	Sunset	with slot & holes	14MF6SPKSU11
M	(24" - 26")	Chocolate	with slot & holes	14MF6SPKCH11
L	(24" - 26")	Carbon Black	with slot & holes	14LF6SPKST11
L	(24" - 26")	Maranello	with slot & holes	14LF6SPKMA11
L	(24" - 26")	Atlantic Blue	with slot & holes	14LF6SPKAB11
L	(24" - 26")	Sunset	with slot & holes	14LF6SPKSU11
L	(24" - 26")	Chocolate	with slot & holes	14LF6SPKCH11

Sopur | Foldable backrest | Formular

M	(24" - 26")	Carbon Black	with slot & holes	14MFOSPST11
M	(24" - 26")	Maranello	with slot & holes	14MFOSPMA11
M	(24" - 26")	Atlantic Blue	with slot & holes	14MFOSPAB11
M	(24" - 26")	Sunset	with slot & holes	14MFOSPSU11
M	(24" - 26")	Chocolate	with slot & holes	14MFOSPKCH11
L	(24" - 26")	Carbon Black	with slot & holes	14LFOSPST11
L	(24" - 26")	Maranello	with slot & holes	14LFOSPKMA11
L	(24" - 26")	Atlantic Blue	with slot & holes	14LFOSPKAB11
L	(24" - 26")	Sunset	with slot & holes	14LFOSPKSU11
L	(24" - 26")	Chocolate	with slot & holes	14LFOSPKCH11

Formular | Carbon Black



F600 | Carbon Black

Advantages

Our carbon clothing guard for SOPUR wheelchairs with a rigid or foldable backrest sets new standards in terms of rigidity, robustness, quality and adjustability to the frame size. The innovative use of carbon design fabrics makes for a superior surface quality with a captivating shine and depth effect.

Suited for

SOPUR wheelchairs with a rigid or foldable backrest.

CLOTHING GUARD

TiLite

TiLite | F600

M (24" - 26")	Carbon Black	14F6TLM1
L (24" - 26")	Carbon Black	14F6TLL1

TiLite | Formular

M (24" - 26")	Carbon Black	14FOTLM1
L (24" - 26")	Carbon Black	14FOTLL1

Mounting kit for TiLite

24" - 26"	14TLMK-100I Mounting kit for a pair of clothing guards with TiLite-item-number AS116069 (TR -Series 3, AERO T), 1" frame	14TLMK-100I
24" - 26"	14TLMK-125I Mounting kit for a pair of clothing guards with TiLite-item-number AS116068 (ZR-Series 2, ZRA-Series 2, AERO Z-Series 2), 1,25" frame	14TLMK-125I

Available while stocks last.



Blank example
F600 | Carbon Black

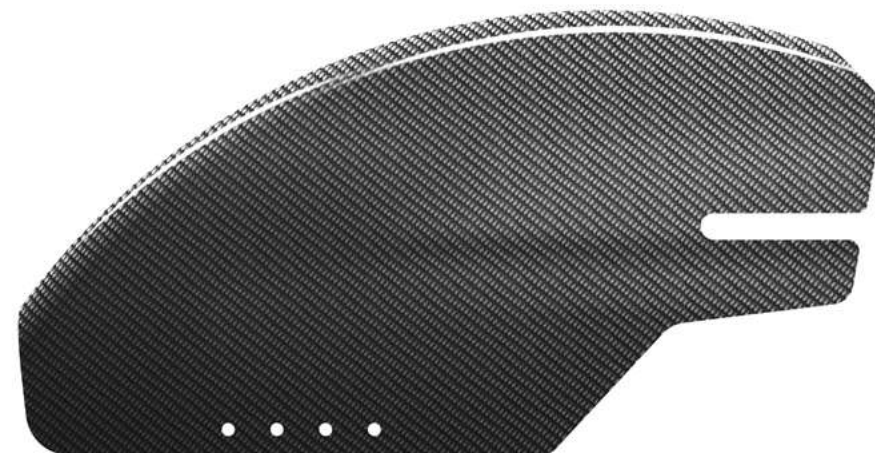
Advantages

Our carbon clothing guard for TiLite wheelchairs sets new standards in terms of rigidity, robustness and quality. The innovative use of carbon design fabrics makes for a superior surface quality with a captivating shine and depth effect.

Suited for

TiLite wheelchairs with a foldable backrest.

CLOTHING GUARD PANTHERA



Blank example
F600 | Carbon Black

Panthera | Rigid backrest (Panthera Standard) | F600

24" - 26" Carbon Black 14LF6PASST11

Panthera | Foldable backrest (Panthera X) | F600

24" Carbon Black 14LF6PAXST11
26" Carbon Black 16LF6PAXST11

Advantages

Our carbon clothing guard designed for the most lightweight wheelchair worldwide sets new standards in terms of rigidity, robustness and quality. The innovative use of carbon design fabrics makes for a superior surface quality with a captivating shine and depth effect.

Suited for

Panthera Standard and Panthera X wheelchairs.

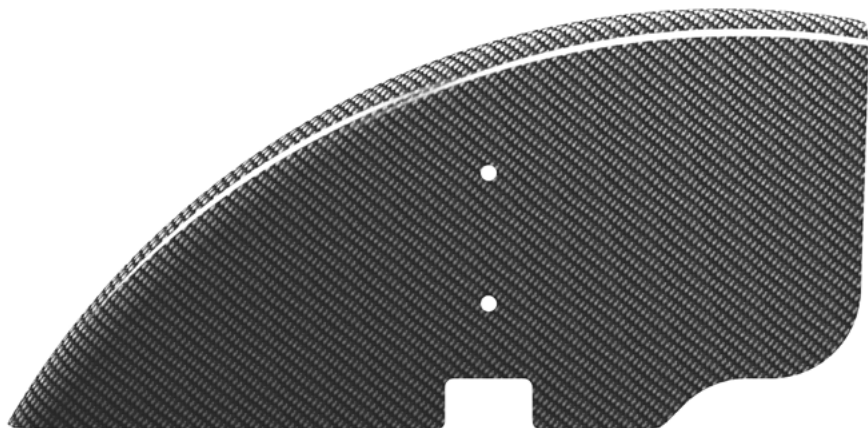
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CLOTHING GUARD

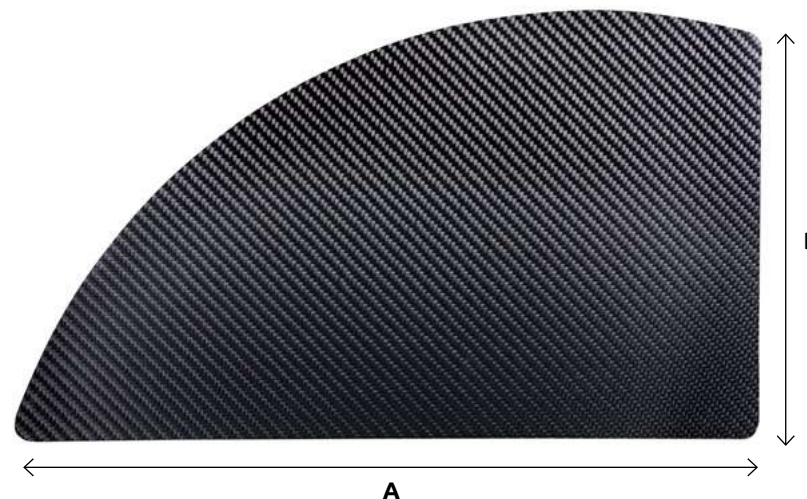
KiMobility

CLOTHING GUARD

F200 – WITHOUT FENDER



Blank example
F600 | Carbon Black



Advantages

Our carbon clothing guard for Ki Mobility wheelchairs sets new standards in terms of rigidity, robustness and quality. The innovative use of carbon design fabrics makes for a superior surface quality with a captivating shine and depth effect.

Suited for

the Ki Mobility Roque wheelchair.

Advantages

Our carbon clothing guard F200 sets new standards in terms of rigidity, robustness and quality. The innovative use of carbon design fabrics makes for a superior surface quality with a captivating shine and depth effect. Three different sized blanks guarantee the optimum selection for individual adjustment to any wheelchair without much waste.

KiMobility | F600

24" - 26"

Carbon Black

14MF6KIST11

F200 – without fender

24" | A=385 mm | B=210 mm

Carbon Black

14LF2ST11

25" | A=400 mm | B=230 mm

Carbon Black

15LF2ST11

26" | A=410 mm | B=235 mm

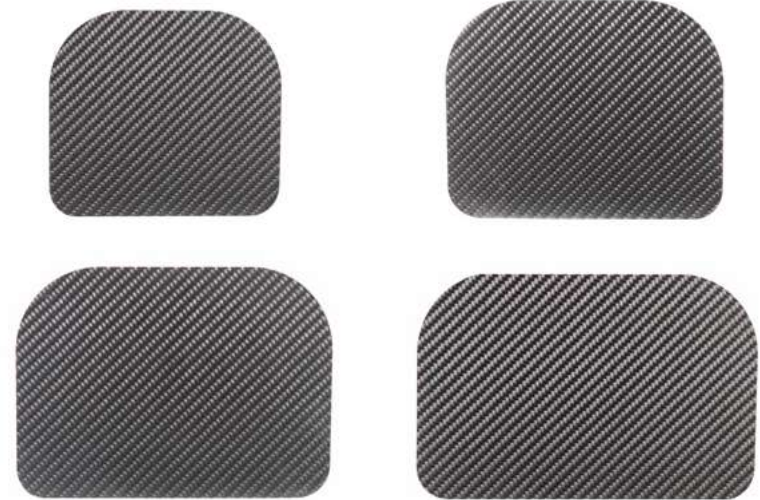
Carbon Black

16LF2ST11

Available while stocks last.



FOOTPLATE & FOOTREST



Footplates

Our carbon footplates sets new standards in terms of rigidity, robustness and quality. Four different sized blanks guarantee the optimum selection for individual adjustment to any wheelchair without much waste.

Footplate

S (135 × 150 mm)	flat	Carbon Black	3SF2FB11
M (135 × 170 mm)	flat	Carbon Black	3MF2FB11
L (140 × 190 mm)	flat	Carbon Black	3LF2FB11
XL (140 × 210 mm)	flat	Carbon Black	3XF2FB11

Available while stocks last.

Footrest

L (330 × 250 × 40 mm)	Carbon Black	3LF6ST11
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Footrest

The footrest of carbon is designed for sport wheelchairs. The 40mm high edges guarantee a perfect foot positioning.



SUPPORT GUARANTEE & CRASH REPLACEMENT

The CarboLife promise

We manufacture top-quality products for wheelchairs, and strive to ensure the best possible service and support for you. Thus, we grant the original buyer of CarboLife carbon products an industry-leading 5-year Manufacturer Warranty and Lifetime Crash Replacement with special conditions.

5 Year Manufacturer Warranty for Carbon products

We vouch for the quality of our products „Made in Germany“. This is why we warrant our carbon products to be free from defects in material or workmanship for five years from the original purchase date (product registration required).

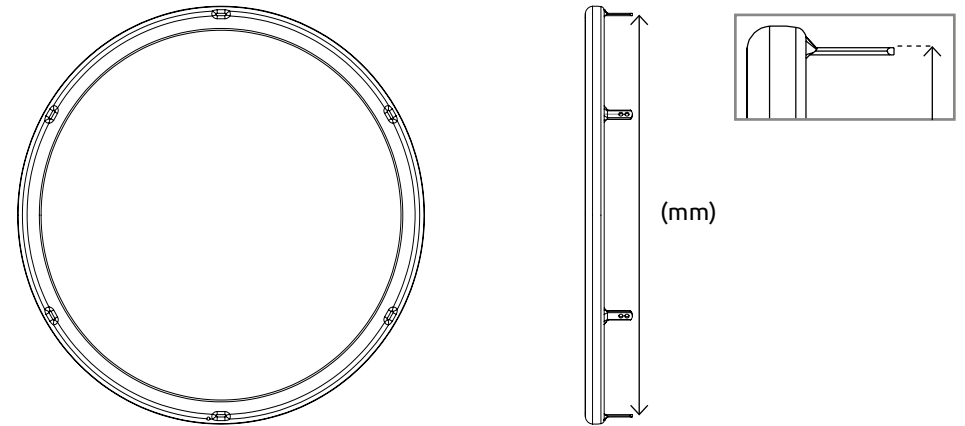
Modified, misplaced, misused, improperly installed or obviously abused CarboLife carbon products are not covered by this warranty. Also, minor everyday damages such as scratches on the surface of our carbon clothing guards are not included in this warranty.

Lifetime Crash Replacement

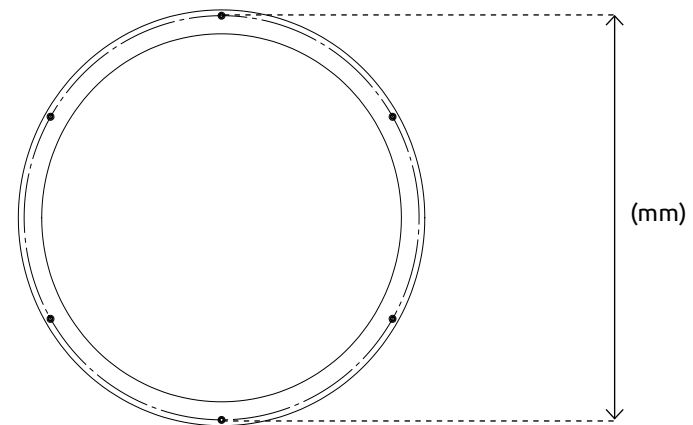
We offer a Lifetime Crash Replacement Program to the original owner for CarboLife manufactured products. This program covers damages which fall outside of our warranty, no matter for what reason. As part of this program, the price of the replacement CarboLife product is 50% off the MSRP. Please note that sales tax, shipping, import duties and labor are not covered by this program (product registration required).

HAND RIM DIMENSIONS

Tab distance



Bolt circle diameter





CarboLife technologies GmbH & Co. KG

Hermann-Mende-Straße 5-7
01099 Dresden
Germany

E info@carbolife.de
T +49 351 501 937 30
F +49 351 797 907 5
W carbolife.de

HRA 8827
CEO Mirko Filler

